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NTIS/PS-76/0267

3911AN

Protective Clothing

Part 1. Arctic and Tropical Environments

A Bibliography with Abstracts

Search period covered

1964 - February 1976

NTIS National Technical Information Service
U.S. DEPARTMENT OF COMMERCE
Springfield, Virginia 22161



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<p>Reports on clothing for environmental protection in extreme climates are cited, including reports on especially developed fabrics and textiles, insulating methods, physiological and psychological responses of users, mobility and dexterity of wearers, care of specialized clothing, and human factors involved. (Contains 80 abstracts)</p>				
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SAMPLE ENTRY

Title _____ Industry, Innovation and the Municipal Market

Corporate Author _____ Franklin Inst. Research Labs., Philadelphia, Pa. (142 925)

Final rpt.

AUTHOR: Blair, John F. Jr.

C1872L3 FLD: 5C, 96*, 86K USGRDR 7324

15 Oct 73 103p*

Report Date _____

Pages in Report _____

REPT NO: FIRL-F-C3431

PROJECT: EDA-99-6-09281

MONITOR: EDA-73-046

Abstract or
Technical Report
Summary _____

ABSTRACT: The summary report is made on work done under the auspices of the Economic Development Administration and funded through The Experimental Technology Incentives Program (ETIP). It delineates the form and content of the policies and programs required to develop the municipal local government market into a force for technological innovation and economic development. In addition to this document, a series of eighteen background papers is on file that deals in considerable depth with the more important aspects of the study. This supplementary documentation is referenced in footnotes throughout the text of the summary volume.

Key Words _____

DESCRIPTIONS: (*Industrial engineering, *Urban planning), (*Public administration, *Urban development), Procurement, Reviews, Optimization, Economic development, Industrial relations, Marketing, Productivity, Systems engineering, Local government, Policies, Recommendations, Pennsylvania

IDENTIFIERS: Technological development, Innovations, Philadelphia (Pennsylvania), EDA

Order Number _____

COM-73-11748/3

NTIS Prices: PC\$4.25/MF \$1.45

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A Human Factors Evaluation of Cold Weather Headgear

Army Natick Development Center Mass Clothing Equipment and Materials
Engineering Lab (408902)

Technical rept.

AUTHOR: Lockhart, John M., Bensel, Carolyn K.
C5712E1 FLD: 15E, 5E, 95D, 74 USGRDR7603

Oct 75 102p

REPT NO: CEMEL-150

PROJECT: DA-1-T-762716-AH-70

TASK: 1-T-762716-AH-7002

MONITOR: NDC-TR75-104-CEMEL

ABSTRACT: A human factors evaluation of the standard and experimental insulating caps and of the standard cold weather headgear system (cap plus arctic hood and fur ruff with and without the cold weather face mask) and the experimental cold weather headgear system (cap, face piece, and integrating collar) was made in a series of investigations: a visual field investigation, a personal and equipment compatibility test, and cold-wet and cold-dry chamber tests. Results indicated (a) superiority of the experimental system over the standard system only with respect to the size of the field of vision and rotation head movements and (b) standard system superiority over the experimental system for donning speed, ventral-dorsal head movements and thermal protection, comfort, and preference during cold-dry exposure. (Author)

DESCRIPTORS: *Headgear, *Cold weather, *Human factors engineering, Protective clothing, Environmental protection, Cold regions, Moisture, Protective clothing, Compatibility, Army research, Goggles, Humidity, Thermal stresses, Protective masks, Hoods, Collars

IDENTIFIERS: Comfort, NTISDODXA, NTISDODA

AD-A018 237/8ST NTIS Prices: PC\$5.50/MF\$2.25

Heat and Moisture Transfer in Clothing Systems. Part 2. Theoretical Consideration of the Effect of some Variables on Thermal Conductivity

Defence Research Establishment Ottawa (Ontario) (404576)

Technical note

AUTHOR: Crow, Rita M.

C5631H2 FLD: 6Q, 95D, 74E USGRDR7602

Oct 75 24p

REPT NO: DREO-TN-75-19

MONITOR: 18

Abstract in French. See also Part 1, AD-A003 837.

ABSTRACT: The theoretical effect of several variables on the total thermal conductivity of a fibrous system was determined using derived mathematical relationships. The variables examined included percentage fibre content, fibre arrangement, environmental temperature, water, ice and water vapor diffusion. It was found that the presence of water or ice greatly increases thermal conductivity, and that at practical fibre contents, minimal thermal conductivity is attained when the fibres are lying in series to the direction of heat flow. (Author)

DESCRIPTORS: *Protective clothing, *Thermal conductivity, Heat transfer, Moisture, Cold weather operations, Fibers, Textiles, Alignment, Volume, Heat transmission, Directional, Mathematical models, Water vapor, Gradients, Ice, Water, Temperature gradients, Thermal insulation, Vapor pressure, Thermal diffusion, Equations, Arctic regions, Canada

IDENTIFIERS: NTISDODXA, NTISDODSD

AD-A017 650/3ST NTIS Prices: PC\$3.50/MF\$2.25

Insulated Gloves

Department of the Army Washington D C (109900)

Patent

AUTHOR: Madnick, Herman

C5233K2 FLD: 15E, 90 USGRDR7522

Filed 27 Aug 64, patented 23 Aug 66 2p

REPT NO: PAT-APPL-392 664, PATENT-3 267 486

MONITOR: 18

Government-owned invention available for licensing. Copy of patent available Commissioner of Patents, Washington, D.C. 20231 \$0.50.

ABSTRACT: The patent concerns a partially insulated glove to protect the hand of the user in cold weather while permitting dexterous use. The glove comprises a front portion, a back portion, and fingers and a thumb, a single layer of polyester insulating material covering only the inner surface of the back portion, the back of the thumb, and the entire length of the back and side portions of the fingers, a lining covering the insulating material, and means securing the lining and the insulating material to the glove.

DESCRIPTORS: *Patents, *Gloves, *Thermal insulation, Protective clothing, Thermal insulation, Cold weather operations, Polyester fibers, Textiles

IDENTIFIERS: PAT-CL-2-164, NTISGPA

AD-D001 002/5ST NTIS Price: Not available NTIS

Prototype Cold Weather Headwear

Synsis Inc Los Angeles Calif*Army Natick Labs., Mass. Clothing,
Equipment and Materials Engineering Lab. (389556)

Final rept. Oct 73-Oct 74

AUTHOR: Mangelsdorf, David, Goldberg, Marvin, Santschi, Heidi
C4961F3 FLD: 6Q, 15E, 95D, 74E USGRDR7518

Oct 74 73

CONTRACT: DAAK03-74-C-0030

PROJECT: DA-1-T-762713-DJ-40

TASK: 1-T-762713-DJ-4001

MONITOR: CE/MEL-137

ABSTRACT: Prototypes of an improved cold weather headgear ensemble have been developed which should provide protection from cold, wind, blowing snow, and frostbite in environments to -65F and 35 miles per hour wind velocities. The ensemble provides physical compatibility with military clothing and equipment and does not occlude the field of vision. The design covers the face, head and neck and is provided with features that permit achieving varying degrees of protection in response to varying severity of the environmental threat. The ensemble and its elements is composed largely of a helenca/urethane foam/cotton jersey laminate which provides excellent insulating properties, sound transparency, and permeability.

DESCRIPTORS: *Protective clothing, *Headgear, *Cold weather operations, Protection, Frostbite, Wind, Cold weather tests, Snow, Wounds and injuries, Compatibility, Clothing, Urethanes, Permeability

IDENTIFIERS: NTISDODA

AD-A012 314/1ST NTIS Prices: PC\$4.25/MF\$2.25

The Effects of Personal Protective Equipment Upon the Arm-Reach Capability of USAF Pilots

Webb Associates Inc Yellow Springs Ohio* Aerospace Medical Research Lab., Wright-Patterson AFB, Ohio. (401286)

AUTHOR: Alexander, Milton, Laubach, Lloyd

C4891E4 FLD: 5E, 1C, 74E, 95D, 51C USGRDR7517

Jul 73 10p

CONTRACT: F33615-72-C-1006

PROJECT: AF-7184

TASK: 718408

MONITOR: AMRL-TR-72-93

Pub. in Proceedings of the Interagency Conference on Management and Technology in the Crew System Design Process, Los Angeles, on 12-14 September 1972.

ABSTRACT: The lack of published arm-reach data on Air Force flight personnel in actual cockpit situations presents manifest difficulties to the cockpit layout specialist. This paper discusses the results of a study to determine the arm-reach capabilities of aircrewmen wearing heavy winter flight clothing, survival equipment, and restraint harnesses. The sample consisted of 16 male subjects (currently active Air Defense Command pilots). The subjects were (pilots) selected to approximate closely the various height-weight categories in the ADC flying population. A specially designed apparatus was constructed to measure arm-reach capability. Each subject was measured under four conditions. The results of the study indicate that there are significant differences in arm-reach capability of pilots while in the shirt-sleeved and maximum flying assembly conditions throughout most of the spatial envelope.

DESCRIPTORS: *Human factors engineering, *Cockpits, *Pilots, Flight clothing, Air Force equipment, Flight crews, Winter, Survival equipment, Simulation, Test methods, Test facilities, Anthropometry

IDENTIFIERS: *Arm reach capabilities, NTISDODAF

AD-A011 580/8ST NTIS Prices: PC\$3.25/MF\$2.25

Comparative Characteristics of the Main Types of Climatic Clothing of
Vostok Station Personnel

Army Foreign Science and Technology Center Charlottesville Va (038300)

AUTHOR: Makarov, N. I.

C4341F4 FLD: 6Q, 15E, 95D USGRDR7509

7 May 74 10p

REPT NO: FSTC-HT-23-0764-74

MONITOR: 18

Unedited trans. of Arkticheskii i Antarkticheskii Nauchno-Issledovatelskii Institut. Trudy (USSR) v299 p231-235 1971.

ABSTRACT: Research was carried out on various types of clothing used in the Antarctic. The basic KAE suit made of camel hair was found to be the most suitable in extreme weather conditions. The protective properties of clothing can be improved by increasing the amount of air under the clothing.

DESCRIPTORS: *Protective clothing, *Antarctic regions, Translations, Protection, Synthetic materials, USSR

IDENTIFIERS: NTISDODA

AD/A-005 876/8ST NTIS Prices: PC\$3.25/MF\$2.25

Thermal Performance of Permeable Versus Impermeable Hoods Worn by Men
in CB Ensemble Working in a Tropical Environment

Edgewood Arsenal Aberdeen Proving Ground Md (401007)

Technical rept.

AUTHOR: Johnson, Arthur T.

C4283L3 PLD: 6Q, 95D USGRDR7508

Jan 75 31p

REPT NO: ED-TR-74081

PROJECT: DA-1-W-762710-A-095

MONITOR: 18

ABSTRACT: A hood fabricated from twill cloth, MIL-C-81280B, with air permeability of 175 cu ft/sq ft/min of 0.5 inch of water was evaluated by comparison with the standard M6A2 impermeable hood and no hooded condition. Men walked for 6.5 miles at an average rate of 2.5 mph in a hot environment with average wet-bulb globe temperature between 81 and 87F. Twelve replications were performed. The permeable hood was found to be statistically different from either impermeable hood or no hood. Very little operational advantage can be gained, however, by depending solely on the impermeable hood to remove excess heat.

DESCRIPTORS: *Protective clothing, *Hoods, *Heat stress (Physiology),
Permeability, Performance(Engineering), Human factors engineering

IDENTIFIERS: NTISDODA

a

AD/A-005 613/5ST NTIS Prices: PC\$3.75/MF\$2.25

Heat and Moisture Transfer in Clothing Systems. Part 1. Transfer Through Materials, A Literature Review

Defence Research Establishment Ottawa (Ontario) (404576)

Technical note

AUTHOR: Crow, Rita M.

C4134A2 FLD: 6Q, 15E, 74E, 95D USGRDR7506

25 Sep 74 25p

REPT NO: DREO-TN-74-27

MONITOR: 18

ABSTRACT: The complexities of the effect of variables, in particular moisture, on thermal insulation of cold weather clothing are introduced. A literature review of the methods for measuring heat transfer, moisture diffusion and combined heat and moisture transfer is presented. The effects of variables on heat transfer and moisture diffusion are reviewed in detail. The theoretical equation for combined heat and moisture transfer is derived, and compared to experimental results of various workers.

DESCRIPTORS: *Protective clothing, *Cold weather operations, *Thermal diffusion, Heat transfer, Canada

IDENTIFIERS: NTISDODSD

AD/A-003 837/2ST NTIS Prices: PC\$3.25/MF\$2.25

The Use of Conductive Rubber in Electrically Heated Handwear and Footwear

Defence Research Establishment Ottawa (Ontario) (404576)

Technical note

AUTHOR: Collyer, John C., Clark, John R.
C4133F2 PLD: 6Q, 15E, 74E, 95D USGRDR7506

23 Sep 74 36p

REPT NO: DREO-TN-74-26

MONITOR: 18

ABSTRACT: The feasibility of using electrically conductive rubber as a heating element for gloves was established. Tests were carried out in the DREO cold chamber using experimental conductive rubber elements over a temperature range from 0F down to -30F. Finger and hand temperatures of test subjects were substantially higher than those of subjects wearing the Canadian Forces cold weather mitten system. Footwear tests did not give any conclusive results due to higher skin temperatures being maintained throughout the test procedure.

DESCRIPTORS: *Boots, *Gloves, *Protective clothing, *Heating elements, Rubber, Electric conductors, Test methods, Cold weather tests, Arctic regions, Canada

IDENTIFIERS: NTISDODSD

AD/A-003 809/1ST NTIS Prices: PC\$3.75/MF\$2.25

Production of Electrically Heated Gloves

Uniroyal Consumer Products Naugatuck Conn*Army Natick Labs., Mass.
Clothing, Equipment and Materials Engineering Lab. (409051)

Technical rept. Jun 73-Sep 74

AUTHOR: VanTwisk, Richard J.

C4074C3 FLD: 6Q, 15E, 95D, 74E USGRDR7505

Sep 74 57p

CONTRACT: DAAG17-73-C-0242

PROJECT: DA-1-T-764713-DL-40

TASK: 1-T-764713-DL-4014

MONITOR: CE/MEL-135

ABSTRACT: The report describes two methods of fabricating electrically heated gloves; one using a patented hand constructed unique method and the other being a low cost easily reproduceable automated technique. Both of these methods use wire as the heating elements.

DESCRIPTORS: *Protective clothing, *Gloves, *Arctic regions, Fabrication, Heating elements, Electrical equipment, Wire, Leather, Thermal insulation

IDENTIFIERS: NTISDODA

AD/A-003 327/4ST NTIS Prices: PC\$3.75/MF\$2.25

Cold Physiologic Studies

Aerospace Medical Research Lab Wright-Patterson AFB Ohio (009850)

AUTHOR: Veghte, James H.

C3954B2 FLD: 6S, 57W USGRDR7503

1973 9p

REPT NO: AMRL-TR-74-13

MONITOR: 18

Presented at AGARD Course on Cold Weather Survival, 6-14 Apr 73 (Norway).

Availability: Pub. in The Physiology of Cold Weather Survival, p69-76 Apr 73, Rept no. AGARD-R-620, AD-784 268.

ABSTRACT: A number of research studies have been discussed in which physiological responses have been monitored. The importance of knowledge, common sense, and sufficient equipment cannot be overstated. Cold, as a stressor, can be overcome if aircrew members are educated that there usually is sufficient time in a survival situation to meet any cold stress. The importance of extremity protection, dangers of CO₂ or CO poisoning in snow shelters, and loss of insulation because of moisture accumulation are paramount.

DESCRIPTORS: *Stress(Physiology), Cold regions, Exposure(Physiology), Cold weather, Arctic regions, Extremities, Body temperature, Blood circulation, Protective clothing, Underwear, Tolerances(Physiology), Infrared scanning, Surfaces, Metal plates, Respiration, Flight crews, Pilots, Survival(Personnel)

IDENTIFIERS: *Cold tolerance, Cold weather clothing, NTISDODAF

AD/A-001 779/8ST NTIS Prices: PC\$3.25/MF\$2.25

The Physiology of Cold Weather Survival

Advisory Group for Aerospace Research and Development, Paris (France).

AUTHOR: Borg, A., Veghte, J. H.

C3935D2 FLD: 6S, 57W STAR1223

Jun 74 99p

REPT NO: AGARD-R-620

MONITOR: 18

DESCRIPTORS: *Cold tolerance, *Emergency life sustaining systems,
*Human body, *Physiological responses, Aerospace medicine, Arctic
regions, Protective clothing, Shelters, Survival, Thermoregulation

IDENTIFIERS: NTISNASA

N74-33534/OSL NTIS Prices: PC\$4.75/MP\$2.25

No abstract available

Effect of Arctic Clothing on a Short-Duration Task

Defence and Civil Inst. of Environmental Medicine, Downsview
(Ontario). Biosciences Div.

AUTHOR: Allen, C. L., Livingstone, S. D.
C38 13C2 FLD: 6Q, 95D STAR1222

Oct 73 9p

REPT NO: DCIEM-73-R-974

MONITOR: 18

ABSTRACT: The performance of individuals participating in a short duration task while wearing Arctic clothing was compared to their performance while wearing light combat clothing. It was found that although there was an increase in the time to complete the task while wearing the Arctic clothing there was no difference in the energy cost. (Author)

DESCRIPTORS: *Arctic regions, *Combat, *Human performance, *Protective clothing, Caloric requirements, Heart rate, Time dependence

IDENTIFIERS: NTISNASA

N74-32554/9SL NTIS Prices: PC\$3.25/MF\$2.25

Evaluation of Nomex, and Polypropylene Blend-Type Cold Weather Underwear

Naval Air Development Center Warminster Pa Crew Systems Dept (406610)

Final rept.

AUTHOR: Jencks, Craig
C3765J1 FLD: 15E, 74E USGRDR7426
25 Mar 74 30p
REPT NO: NADC-74068-40
MONITOR: 18

ABSTRACT: A Nomex and a Polypropylene Blend-Type Cold Weather Underwear have been operationally evaluated in conjunction with the CWU-33/P Anti-Exposure Ventilated Wet Suit for the purpose of determining whether either garment provides better overall performance characteristics than the standard fleet-issued aviation polyvinylchloride underwear. A replacement for the polyvinylchloride underwear is sought because of the underwear's unsatisfactory shrinkage with high temperature shipboard laundering. Concluding evaluation analysis indicates that both evaluated underwear types are nearly identical to each other in all respects with both being preferred over the standard polyvinylchloride underwear. The Nomex underwear has been selected for Fleet introduction over the Polypropylene blend-type underwear, based on its greater fire resistant properties and logistic availability. (Modified author abstract)

DESCRIPTORS: *Underwear, *Test methods, *Protective clothing, Polypropylene, Polyvinyl chloride, Exposure suits, Flight crews, Laundry operations, Fire resistant materials, Thermal insulation, Nylon, Compatibility, Acceptability

IDENTIFIERS: Evaluation, Nomex polymers, NTISDODN

AD-787 638/6SL NTIS Prices: PC\$3.75/MPS2.25

Controlled Temperature Garment

Department of the Navy Washington D C (110050)

Patent

AUTHOR: Laxo, Darryl E.

C3735G2 FLD: 60, 95D, 90D USGRDR7426

Filed 28 Jul 71, patented 3 Jul 73 6p

REPT NO: PAT-APPL-166 918, PATENT-3 743 012

MONITOR: 18

Government-owned invention available for licensing. Copy of patent available Commissioner of Patents, Washington, D.C. 20231 \$0.50.

ABSTRACT: The patent relates to a controlled temperature garment using the counter flow heat exchanger principle to maintain an equal temperature distribution along the inner surface of the garment. Three layers of material are bonded together in such a manner as to provide flow channels along the garment. The garment comprises distribution, turning and collection chambers at each end of the channels; and a fluid discharge and collecting manifold to control the flow of the temperature controlling fluid.

DESCRIPTORS: *Patents, *Protective clothing, Cold weather, Temperature control, Human factors engineering

IDENTIFIERS: PAT-CL-165-39, NTISGPN

AD-165 005/OSL NTIS Price: Not available NTIS

Cold: Physiology, Protection and Survival

Advisory Group for Aerospace Research and Development Paris (France)
(400043)

AUTHOR: Lorentzen, Fridtjov Vogt

C3685E1 FLD: 6G, 6S, 57W* USGRDR7425

Aug 74 44p*

REPT NO: AGARD-ograph-194

MONITOR: 18

NATO furnished.

ABSTRACT: Survival in the cold regions of the world involves a basic understanding of physiology, practical experience, and a thorough knowledge of survival equipment and use of natural materials. This paper summarizes knowledge in these areas as well as a lifetime of experience in northern regions of the world, primarily Norway, and knowledge gained on expeditions such as in the Himalayan mountains. It is a practical paper and if one assimilates its contents then survival in a cold environment is enhanced.

DESCRIPTORS: *Stress(Physiology), *Cold weather, *Norway, Personnel selection, Physical fitness, Response(Biology), France, Protective clothing, Low temperature, Nutrition, Hygiene, Body temperature, Radiation effects, Survival(Personnel), Adaptation(Physiology), Acclimatization, Wounds and injuries

IDENTIFIERS: *Cold weather survival, NTISDODSD

AD-787 011/6ST NTIS Prices: PC\$3.75/MF\$2.25

Some Results of Physiological-Hygienic Investigations of Polar Clothing in Antarctic Conditions

Army Foreign Science and Technology Center Charlottesville Va (038300)

AUTHOR: Palyanov, O. I.

C3681E1 FLD: 6Q USGRDR7425

27 Apr 74 8p

REPT NO: FSTC-HT-23-0760-74

MONITOR: 18

Trans. of Sovetskaya Antarkticheskaya Ekspeditsiya. Informatsionnyi Byulleten (USSR) n81 p111-114 1971.

ABSTRACT: Research was carried out into clothing worn by members of Antarctic expeditions. Tests were conducted on three types of clothing to test their heat-reflecting properties. The K.A.E. (complex Antarctic expedition) suit combined with a leather suit, is best, although it is cumbersome and quite heavy.

DESCRIPTORS: *Cold regions, *Clothing, *Protective clothing, Thermal insulation, Hygiene, Physiology, Antarctic regions, USSR, Translations, Heat, Body temperature, Leather

IDENTIFIERS: NTISDODA

AD-786 819/3ST NTIS Prices: PC\$3.25/MF\$2.25

Evaluation of Survival Suits for the Use of the Crews of the Great Lakes Carriers

Battelle Columbus Labs Ohio*Coast Guard, Washington, D.C. (407080)

Final rept. Oct 72-Apr 73

AUTHOR: Riegel, P. S., Caudy, D. W., Tierney, J. M., Trainer, T. M.
C3551A1 FLD: 6G, 95D, 47 USGRDR7423

Oct 73 98p

CONTRACT: DOT-CG-23223-A

MONITOR: USCG-D-14-73-A

See also AD-768 678.

ABSTRACT: Survival in cold water is very short, making abandon-ship processes often fatal due to immersion hypothermia. Report covers development of an evaluation and ranking scheme for survival suits to be used under winter conditions. Four commercially available suits (Imperial Survival Suit, Imperial Type H Deck Suit, QD-1 Anti-Exposure Garment, and Empress Suit) were evaluated. Suits ranked as stated, in decreasing order of excellence for abandon-ship use. Suits were issued to crews of Great Lakes carriers, and opinions of crew members were obtained. Criteria were developed for an optimum survival suit, and a scenario of the abandon-ship process was developed for assessing probability of survival during ship abandonment. An informal field evaluation of suits was performed. (Author)

DESCRIPTORS: *Survival equipment, *Sea rescues, Survival(Personnel), Cold weather, Immersion, Great Lakes, Ships

IDENTIFIERS: *Survival clothing, Carriers, Evaluation, NTISDODCG

AD-785 465/6 NTIS Prices: PC\$4.00/MF\$2.25

New Things in Technology Open-Hearth Furnace 'Doctors'

Foreign Technology Div Wright-Patterson AFB Ohio (141600)

AUTHOR: Novikova, V.

C3443E2 FLD: 6Q, 94E USGRDR7422

11 Jul 74 5p

REPT NO: FTD-HT-23-1743-74

PROJECT: FTD-T74-03-01

MONITOR: 18

Edited trans. of Izvestiya (USSR) n10 p6, 12 Jan 74, by Frank C. Vaughn.

ABSTRACT: The document briefly describes the newly developed pressure suit for open-hearth furnace repairmen who have to work in extreme temperatures.

DESCRIPTORS: *Pressure suits, *Furnaces, *Maintenance, Repair, Protective clothing, High temperature, USSR, Translations

IDENTIFIERS: Openhearth furnaces, NTISDODAF

AD-784 017/6 NTIS Prices: PC\$3.00/MF\$2.25

Air Cooled Protective Suit (Descriptive Title)

Foreign Technology Div Wright-Patterson AFB Ohio (141600)

AUTHOR: Kuybyshev

C3442H3 FLD: 6Q USGRDR7422

11 Jul 74 4p

REPT NO: FTD-HT-23-1742-74

PROJECT: FTD-T74-03-01

MONITOR: 18

Edited trans. of Sotsialisticheskaya Industriya (USSR) n302 p4, 27 Dec 73.

ABSTRACT: A brief report discusses a suit created by the staff members of the laboratory of the Heat-Engineering Department of the Kuybyshev Aviation Institute; it is designed for those who must work for a long period of time in high temperatures (up to 80C). It is equipped with a vortical cooler connected to a compressed air source which, after cooling to 15-20 degrees, is fed to a system of hoses sewn into the suit. Tests have shown great effectiveness in welding operations inside storage tanks during hot climactic conditions. The cooling apparatus is simple and reliable in operation and weighs 700 grams in all.

DESCRIPTORS: *Protective clothing, Human factors engineering, Welding, Air cooled, High temperature, USSR, Translations

IDENTIFIERS: NTISDODAF

AD-783 982/2 NTIS Prices: PC\$3.00/MF\$2.25

Air Distribution Garment

Department of the Army Washington D C (109900)

Patent

AUTHOR: Spano, Leo A., Lacono, Vincent D.
C3304J2 FLD: 6Q, 95C, 90D USGRDR7420
Filed 29 Oct 71, patented 16 Jan 73 8p
REPT NO: PAT-APPL-193 784, PATENT-3 710 395

MONITOR: 18

Government-owned invention available for licensing. Copy of patent available Commissioner of Patents, Washington, D.C. 20231 \$0.50.

ABSTRACT: The invention relates to protective clothing, and more particularly to a garment adapted to deliver a flow of air over a substantial portion of the body surface of the wearer to maintain the wearer in thermal balance.

DESCRIPTORS: *Patents, *Protective clothing, *Cooling and ventilating equipment, Microclimatology

IDENTIFIERS: PAT-CL-2-78, NTISGPA

AD-164 767/6 NTIS Price: Not available NTIS

UH-1 Door Gunner Protection

Army Land Warfare Lab Aberdeen Proving Ground Md (038950)

Final rept.

AUTHOR: Wood, Benjamin F.

C3244G3 FLD: 6Q, 15E, 1C, 74E, 51C USGRDR7419

Mar 74 29p

REPT NO: LWL-TR-74-13

PROJECT: LWL-01-M-73

MONITOR: 18

ABSTRACT: A cold weather protection kit for door gunners and crew was developed for the UH-1D/H helicopter. The kit consists of a bulkhead and sliding doors which permits the gunner's compartment to be partitioned from the rest of the aircraft interior. The gunner is dressed in clothing to provide him sufficient protection while the rest of the crew and passengers are not exposed. Several clothing ensembles were tested. The kit and two sets of cold weather clothing were evaluated in Alaska. The evaluation was favorable, except for comments that the door gunners were too warm when the doors were closed, and litter and passenger capacity were affected. (Modified author abstract)

DESCRIPTORS: *Protective clothing, *Gunners, Acceptability, Test methods, Kits, Aircraft doors, Cold weather, Protection, Thermal insulation, Alaska, Helicopters

IDENTIFIERS: UH-1D aircraft, H-1 aircraft, UH-1H aircraft, NTISDODA

AD-782 112/7 NTIS Prices: PC\$3.25/MF\$1.45

Development of Lightweight (Cold-Wet) Insulated Footwear

Army Natick Labs Mass Clothing and Personal Life Support Equipment Lab
(404487)

Technical rept.

AUTHOR: Assaf, Joseph E.

C1612B1 FLD: 6Q, 15E, 83B, 74F USGRDB7321

Jul 73 124p*

PROJECT: DA-1-J-662713-DJ-40

MONITOR: USA-NLABS-73-15-CE

ABSTRACT: The first generation of what may be considered a new concept in lightweight insulated military footwear in a pull-on type construction was produced by integrally casting and expanding liquid polyurethane systems. The footwear developed meets the original requirements established under this program to develop a lightweight impermeable boot with insulation sufficient to provide protection for 2 hours inactivity at -20F. The average weight of a size ten boot is 24 ounces, as compared with 44 ounces for the standard (black) insulated cold-wet boot. The water absorption of the new footwear is less than 5% by weight. The developed laboratory procedures were used to design and put into operation a pilot plant facility. Initial production of footwear indicates that the economics and processes involved may be satisfactory for the final commercialization of this new concept of lightweight insulated footwear. (Modified author abstract)

DESCRIPTORS: (*Shoes, *Isocyanate plastics), (*Thermal insulation, Shoes), (*Protective clothing, Shoes), Manufacturing methods, Protective equipment, Environmental tests, Military personnel, Weight, Moistureproofing, Design, Textiles, Adhesives, Coatings

IDENTIFIERS: *Boots, A

AD-766 690/2 NTIS Prices: PC\$4.25/MF\$1.45

Footwear for Inundated Areas

**Army Natick Labs Mass Clothing and Personal Life Support Equipment Lab
(404487)**

Final rept.

AUTHOR: Swain, Douglas S., Spaeth, Jeanne F.

C1611L3 FLD: 6Q USGRDR7321

Jul 73 28p

REPT NO: C/PLSEL-109

PROJECT: DA-1-J-664713-D-547

MONITOR: USA-NLABS-TR-73-57-CE

ABSTRACT: Warm water immersion foot and related dermatological problems in inundated areas of Southeast Asia seriously limited the combat effectiveness of large numbers of our troops. As a contribution to minimizing the occurrence and intensity of the problem, special footwear was developed by the U.S. Army Natick Laboratories to permit quicker drying of the skin on the feet and legs. These items included a lightweight nylon sock to replace the standard wool sock; a slide fastener for the tropical combat boot to encourage quicker removal of the boots when an opportunity arose to take them off; and a lightweight comfort shoe, similar to a tennis shoe, that could be tucked into a pocket and worn later in bivouac and boot camp areas in place of a soldier's regular boot. Based upon their successful testing in Vietnam, the above three items were adopted in March 1970 as Standard A items for Zones 1 and 2. (Author)

DESCRIPTORS: (*Feet, *Protective clothing), Integumentary diseases, Skin, Infantry, Southeast Asia, Vietnam, Tropical regions

IDENTIFIERS: *Footwear, *Immersion foot, A

AD-766 684/5 NTIS Prices: PC\$3.00/MF\$1.45

Arctic Personnel Effects

Army Test and Evaluation Command Aberdeen Proving Ground Md (041750)

Final rept. on test operations procedure.
C1521A2 FLD: 6S, 57W, 94D USGRDR7320

15 Aug 72 27p

REPT NO: TOP-1-1-003

PROJECT: AMCR-310-6

MONITOR: 18

Supersedes AD-761 106.

ABSTRACT: The report provides background information on the physiological effects of extreme cold on the human body. The basic document provides a brief overview of some of the physiological problems of operations in a cold environment and the procedures used to overcome these problems. The appendices provide detailed technical information on techniques and requirements for tests involving the effects of a cold environment on personnel. (Author)

DESCRIPTORS: (*Stress (Physiology), *Low-temperature research), Arctic regions, Frostbite, Therapy, Protective clothing, Personnel, Military personnel, Tests, Military medicine

IDENTIFIERS: *Cold stress, Cold tolerance, Cold injuries, A

AD-765 516/0 NTIS Prices: PC\$3.00/MF\$1.45

Arctic Personnel Effects

Army Test and Evaluation Command Aberdeen Proving Ground Md (041750)
C1074C2 FLD: 6S, 57W USGRDR7314

15 Aug 72 26p

REPT NO: TOP-1-1-003

MONITOR: 18

Availability: Available in microfiche only.

ABSTRACT: The document provides background information on the physiological effects of extreme cold on the human body. A brief overview of some of the physiological problems of operation in a cold environment and the procedures used to overcome these problems is provided along with the detailed techniques and requirements for tests involving the effects of a cold environment on personnel.

DESCRIPTORS: (*Stress(Physiology), Low-temperature research), Arctic regions, Frostbite, Therapy, Protective clothing, Personnel, Military personnel, Tests, Armed Forces supplies

IDENTIFIERS: *Cold stress, Cold tolerance, Cold injuries, A

AD-761 106 NTIS Prices: MF\$0.95

Thermal Environment in Two Integrated Steelworks

BISRA-The Corporate Labs. of the British Steel Corp., London (England).
Strip Mills Div.

Environmental studies

AUTHOR: Warner, C. G.

C0414G4 FLD: 6J, 57U, 94E USGRDR7306

Oct 72 52p*

REPT NO: BISRA-SM/ES/1

MONITOR: 18

ABSTRACT: A study of the thermal environment for certain operations has been made at two large integrated steel works in the Strip Mills Division of the British Steel Corporation. If the thermal environment is to be specified completely, four factors must be taken into consideration, namely the dry bulb temperature of the air, its degree of humidity and rate of movement, and the radiation component from the surroundings. The simple instrumental methods for measuring these variables are described in detail together with the evaluation and use of the combining scale of warmth of 'Corrected Effective Temperature'. In many of the operations studied, radiant heat is an important factor and its intensity is such that the exposure is acceptable for only limited periods. With regular exposures to hot conditions people become accustomed to heat and with successive daily exposures circulatory adjustments bring about increased stability of the blood pressure and there is substantial reduction in the heart rate. With the same level of stress the onset of sweating occurs at a lower rectal temperature. Steelworkers who are habitually exposed to radiant heat appear able to withstand much more severe radiation than casual visitors. The benefit to be derived from the use of protective clothing and equipment will offset in some degree the onerous conditions, particularly those arising from the impact of radiant heat.

DESCRIPTORS: (*Industrial medicine, Steel plants), (*Steel plants, *Heat stress), Environments, Temperature, Humidity, Air circulation, Radiation, Acclimatization, Heat tolerance, Protective clothing, Industrial hygiene, Stress(Physiology)

PB-214 311/3 NTIS Prices: PCS\$4.50/MF\$0.95

Preliminary Studies on the Development and Testing of Low-Temperature Handwear with Improved Dexterity (Report No. 1)

Navy Clothing and Textile Research Unit Natick Mass (388531)

AUTHOR: Gianola, Salvatore V., Reins, Dale A.

C0312J4 FLD: 6Q, 15E, 83B, 74F USGRDR7305

Dec 72 23p

REPT NO: TR-106, 13-71

MONITOR: 18

ABSTRACT: The Navy Clothing and Textile Research Unit (NCTR) tested the Standard Navy Mittens, Cloth, Insulated, Extreme-Cold-Weather (A-1) against four experimental configurations to ascertain manipulatory capabilities in several dexterities. Test results were measured against bare-hand performance at temperatures of 70 and 35F. and the experimental designs were tested against the Navy Standard at -20F. Results based on means calculated from mean performances of 10 test subjects indicated that the Navy Standard inhibited dexterity and tactile discrimination to a much greater degree than the experimental designs in all tests. Improved prototypes are being produced for further skin temperature measurements and testing of functionability prior to field trials. (Author)

DESCRIPTORS: (*Gloves, *Low-temperature research), Design, Performance(Engineering), Thermal insulation, Human engineering, Protective clothing, Touch

AD-754 067 NTIS Prices: PC\$3.00/MF\$0.95

Mountaineering Equipment Evaluation

Arctic Inst of North America Washington D C (033050)

Technical rept.

AUTHOR: Labelle, Joseph C.

C0072J1 FLD: 15E, 14B, 74F, 94D USGRDR7302

Oct 72 69p

REPT NO: AINA-TR-14

CONTRACT: DAAG17-72-M-2362

MONITOR: 18

ABSTRACT: Pursuant to a request from US Army Natick Laboratories, the Arctic Institute of North America carried out testing and evaluation of certain commercially available mountaineering equipment, considered by the project investigator to be the best available on the commercial market today. This equipment was tested under varying climatic conditions and extremes in the St. Elias Mountains of the southwestern Yukon Territory, Canada. Tests were carried out in the low altitude forested region near Kluane Lake, in the medium altitude alpine environment of the central St. Elias Mountains, and in the severe high altitude polar environment of Canada's highest mountain, Mt. Logan.
(Author)

DESCRIPTORS: (*Army equipment, Cold weather tests), Environment, Mountains, Exploration, Compatibility, Safety, Human engineering, Military requirements, Assembling, Acceptability, Shoes, Tents, Cordage, Blankets, Protective clothing, Sleeping bags, Hoists, Hammers

IDENTIFIERS: *Mountaineering equipment, Evaluation

AD-751 902 NTIS Prices: PC\$3.00/MF\$0.95

Functional Special Clothing for Builders

Army Foreign Science and Technology Center Charlottesville Va (038300)

AUTHOR: Shibanov, N.

A4495L1 FLD: 6Q, 13B, 83B USGRDR7214

27 Jan 72 11p

REPT NO: FSTC-HT-23-368-71

PROJECT: FSTC-T7023012301

Trans. of Stroikakh Rossii (USSR) n7 1970.

ABSTRACT: Special purpose protective clothing for workmen in various types of employment, particularly construction engineering personnel, is necessary for proficient performance of production operations. The report discusses protective clothing to be used by those in the building industry.

DESCRIPTORS: (*Protective clothing, Construction), Climatology, Performance(Human), Production, Fire protective clothing, Heat-resistant materials, Cold weather tests, Tropical tests, Environmental tests, USSR

IDENTIFIERS: Translations

AD-742 816 NTIS Prices: PC\$3.00/MP\$0.95

Medical Reports from the Soviet Antarctic Expedition

Joint Publications Research Service, Washington, D.C. (193 300)
AUTHOR: Poggenpol, V. S., Biryukov, E. N., Bazhanov, V. V.,
Bogoslovskii, M. M., Palyanov, O. I.
A4441J3 FLD: 6S, 6E, 57W, 57E USGRDR7213
9 May 72 24p
Trans. of Sovetskaya Antarkticheskaya Ekspeditsiya. Informatsionnyi
Byulleten (USSR) n78 p92-96 1970, n81 p98-100, 104-114 1971, and n82
p77-79 1971.

ABSTRACT: ;Contents: Assessment of the health of polar personnel of Vostok Station; Functional status of the cardiovascular system in the acute period of acclimatization at Vostok Station; Physical training as a means of maintaining work capacity of winter observers under the conditions of Vostok Station; Status of sleep in personnel passing the winter at Mirnyy Observatory; Data of a physiological-hygienic study of the clothing of polar personnel under antarctic conditions; Growing vegetables at Soviet Antarctic Stations.

DESCRIPTORS: (*Medicine, Antarctic regions), (*Stress(Physiology), Antarctic regions), Cold stress, Cold tolerance, Cardiovascular system, Acclimatization, Sleep, Arctic clothing, Vegetables, Growth, Physical fitness, Translations, USSR

JPRS-55932 NTIS Prices: PC\$3.00/MF\$0.95

Engineering Test of Jungle Hat with Headnet

Army General Equipment Test Activity, Fort Lee, Va. (038 370)

Final rept.

A3701L2 FLD: 6Q, 15E, 83B, 74F USGRDR7206

Jun 68 37p

PROJECT: RDT/E-1-J-643303-D-547, USATECOM-866415

TASK: 1-J-643303-D-54734, 86641501

Distribution Limitation now Removed.

ABSTRACT: An engineering test of a jungle hat with headnet was conducted to determine the technical performance and safety characteristics of the test item as described in the SDR and as indicated by the particular design and to determine the technical and maintenance suitability of the jungle hat with headnet for service testing. It was concluded that the jungle hat with headnet is suitable for service testing. It was recommended that the hats be marked 'For hand laundering only'.

DESCRIPTORS: (*Protective clothing, Tropical regions), (*Headgear, Jungles), Tropical tests, Moistureproofing, Deterioration, Army equipment, Shrinkage, Defects(Materials), Coloring, Life expectancy, Nets, Maintenance, Laundering, Environmental tests, Visual inspection, Wear resistance, Weight, Configuration, Cotton textiles, Nylon, Vietnam

IDENTIFIERS: Sizes(Dimensions), Hats, Headnets, Colorfastness, South Vietnam

AD-835 403 NTIS Prices: PC\$3.00/MF\$0.95

Arctic Environmental Test of Chemical Agent Delivery Devices

Army Test and Evaluation Command Aberdeen Proving Ground Md (041750)

Final rept. on materiel test procedure.

A3492B1 FLD: 13D, 15B, 74D USGRDR7204

1 Nov 71 10p

REPT NO: MTP-8-4-008

PROJECT: AMCR-310-6

Supersedes report dated 18 Feb 70, AD-868 302.

ABSTRACT: The report provides a method for evaluation of CB agent delivery device performance characteristics. Describes pretest requirements for initial inspection, physical characteristics, personnel training, instrumentation, facilities, and equipment. It provides procedures for functional and operational characteristics, human factors, safety, and maintenance evaluation tests. (Author)

DESCRIPTORS: (*Spray tanks, Cold weather tests), (*Biological warfare agents, Dissemination), (*Chemical warfare agents, Dissemination), Quality control, Visual inspection, Human engineering, Protective clothing, Test methods, Maintainability

IDENTIFIERS: Environmental test procedures

AD-734 847 NTIS Prices: PC\$3.00 MF\$0.95

Arctic Environmental Test of Boot and Other Foot Equipment

Army Test and Evaluation Command Aberdeen Proving Ground Md (041750)

Materiel test procedure.

A1771K1 FLD: 15E, 14B, 74F, 73D USGRDR7108

23 Jun 69 10p

REPT NO: MTP-10-4-006

ABSTRACT: The objective of the procedures is to provide a means of evaluating the suitability of boots and other foot equipment in arctic winter environmental conditions. (Author)

DESCRIPTORS: (*Shoes, Cold weather tests), (*Cold weather tests, Test methods), Arctic regions, Compatibility, Protective clothing, Safety

IDENTIFIERS: *Environmental test procedures

AD-719 259 NTIS Prices: PC\$3.00 MF\$0.95

Arctic Environmental Test of CB Protective Clothing, Protective Masks and Winterization Kits

Army Test and Evaluation Command Aberdeen Proving Ground Md (041750)

Final rept. on materiel test procedure.

A1764C2 FLD: 6Q, 15B, 14B, 83B, 74D, 73D USGRDR7108

15 Jan 70 12p

REPT NO: MTP-8-4-006

PROJECT: AMCR-310-6

ABSTRACT: The procedures outlined in this Materiel Test Procedure are designed to determine and evaluate the performance characteristics of CB protective clothing, protective masks and winterization kits in arctic environmental conditions. Procedures are also included which are applicable to surveillance (5 years) testing of subject items.
(Author)

DESCRIPTORS: (*Protective masks, Test methods), (*Protective clothing, Test methods), Cold weather tests, Reliability, Chemical properties, Maintainability, Human engineering, Biological warfare agents, Chemical warfare agents, Protective masks, Arctic regions

IDENTIFIERS: *Environmental test procedures, CB protective clothing

AD-719 131 NTIS Prices: PC\$3.00 MF\$0.95

Arctic Environmental Test of Clothing and Sleeping Equipment

Army Test and Evaluation Command, Aberdeen Proving Ground, Md. (041
750)

Final rept. on materiel test procedure.

A1534B2 FLD: 15E, 14B, 74F, 73D USGRDR7105

26 Nov 69 15p

REPT NO: MTP-10-4-005

PROJECT: AMCR-310-6

Distribution Limitation now Removed.

ABSTRACT: The report describes test methods and techniques for evaluating the functioning characteristics of clothing and sleeping equipment under arctic winter environment conditions. Evaluation is related to the criteria established by qualitative materiel requirements, small development requirements, technical characteristics or other applicable design requirements or specifications. (Author)

DESCRIPTORS: (*Clothing, Test methods), (*Sleeping bags, Test methods), Cold weather tests, Safety, Human engineering, Maintainability, Drop tests, Army research

IDENTIFIERS: Environmental test procedures

AD-867 361 NTIS Prices: PC\$3.00 MF\$0.95

Cold Sea Survival

Aerospace Medical Research Lab Wright-Patterson AFB Ohio (009850)

AUTHOR: Veghte, James H.

A1451B3 PLD: 6G, 6S, 58D, 57W USGRDR7104

Oct 70 29p

REPT NO: AMRL-TR-70-72

PROJECT: AF-7164

TASK: 716414

ABSTRACT: Two three-man prototype liferafts were evaluated in Arctic waters off Kodiak Island, Alaska. Surface and core temperatures of each subject were monitored continuously during the 22 hour exposure in the TUL raft and 6 hour exposure in the P-B raft. Each subject wore a different clothing assembly: a NASA full pressure suit, the NASA flight clothing, and the Air Force Anti-exposure suit. None of the clothing assemblies was considered adequate to maintain a person in comfort. No significant biochemical shifts in the blood or urine were found. General tolerance times for a variety of cold water-raft exposures are depicted graphically. (Author)

DESCRIPTORS: (*Life rafts, Cold weather tests), (*Exposure, Stress(Physiology)), Alaska, Greenland, Astronauts, Survival, Body temperature, Monitors, Tolerances(Physiology), Pressure suits, Flight clothing, Blood chemistry, Urine, Manned spacecraft, Soft landings, Arctic Ocean

IDENTIFIERS: *Cold water exposure

AD-716 389 NTIS Prices: PC\$3.00 MF\$0.95

EFFICIENCY OF SIGNAL CORPS OPERATORS IN EXTREME COLD

Army Medical Research Lab., Fort Knox, Ky. (039 650)

AUTHOR: Blair, E. A., Gottschalk, Carl W.

A0455F4 FLD: 6Q, 83B USGRDR7015

22 Jan 47 22p

REPT NO: USAMRL-2

PROJECT: AMRL-57-2

Distribution Limitation now Removed.

ABSTRACT: Experiments were designed to test the effect of wearing issue arctic clothing and of exposure to extreme cold while wearing arctic clothing on the efficiency of Signal Corps men operating representative Signal Corps equipment. (Author)

DESCRIPTORS: (*Protective clothing, Performance(Human)), (*Cold weather tests, Protective clothing), Radar operators, Radio operators, Telephone equipment, Gloves, Human engineering

AD-806 394 CFSTI Prices: HC\$3.00 MF\$0.65

EXPLORATORY STUDY OF PILOT PERFORMANCE DURING HIGH AMBIENT TEMPERATURES/HUMIDITY

Human Engineering Labs Aberdeen Proving Ground Md (172850)

Technical memo.

AUTHOR: Moreland, Stephen, Barnes, John A.

A0445D2 FLD: 6S, 57W USGRDR7015

Mar 70 88p

REPT NO: HEL-TM-6-70

ABSTRACT: The purpose of the study was to measure performance changes which may occur when Army personnel, wearing complete operational/combat flight clothing and equipment, fly a light observation helicopter during periods of high ambient temperature and humidity. Important relationships were found between physiological changes and crew station environment. An equation was developed to quantify a hypothetical relationship between performance, environment and physiological changes. (Author)

DESCRIPTORS: (*Pilots, Stress(Physiology)), (*Stress(Physiology), Weather), Helicopters, Solar radiation, Temperature, Humidity, Performance(Human), Flight clothing, Survival kits, Compatibility, Factor analysis, Fatigue(Physiology), Human engineering, Psychometrics

AD-707 371 CFSTI Prices: HC\$3.00 MF\$0.65

HUMAN FACTORS STUDY OF QMC CLOTHING AND EQUIPMENT DURING COLD WEATHER TESTS OF THE PERSHING MISSILE SYSTEM

Quartermaster Research and Engineering Center Natick Mass (292840)

Engineering psychology research study rept.

AUTHOR: McGinnis, John M., Zimmerer, Theodore

7402F4 FLD: 5E, 6Q, 16D, 15E, 925, 907 USGRDR7008

Apr 62 16p

REPT NO: QREC-EPR-1

PROJECT: DA-7-X-9501001

ABSTRACT: The primary purpose of the psychology laboratory participation in the test was to detect human factors problems associated with Quartermaster Corps standard clothing and equipment in the operation of the PERSHING Missile System and to report these problems to the responsible design and development groups. Secondary goals were to make preliminary studies concerning the new experimental integrated clothing system, and the feasibility of using electrically heated handwear for performing critical tasks during operation of the PERSHING equipment. (Author)

DESCRIPTORS: (*Guided missiles(Surface-to-surface), Army equipment), (*Exposure suits, Compatibility), Human engineering, Cold weather tests, Arctic regions, Army operations, Launching sites, Ground support equipment, Gloves, Heaters

IDENTIFIERS: Pershing

AD-701 872 CFSTI Prices: HC\$3.00 MF\$0.95

HUMAN FACTORS STUDY OF THE COMPATIBILITY OF THE QMC EQUIPPED SOLDIER
WITH FIELD COMMUNICATIONS EQUIPMENT UNDER COLD WET CONDITIONS

Quartermaster Research and Engineering Center Natick Mass (292840)

Research study rept.

AUTHOR: McGinnis, John M., Rosinger, George
7402F2 FLD: 5E, 15E, 925, 907 USGRDR7008

Jul 60 51p

REPT NO: QREC-PB-38

PROJECT: DA-7-X-9501001

ABSTRACT: Incompatibilities were observed during the performance of typical field communications activities within an Infantry Battle Group. Handgear and trigger-finger mittens were involved in serious incompatibilities. The other items involved were the pile cap, the old black rubber insulated (Mickey-Mouse) boots, the helmet and the helmet liner as well as the TE-33 tool equipment, the M-1 rifle, and the gas mask. (Author)

DESCRIPTORS: (*Infantry, Communication systems), (*Clothing, Compatibility), Human engineering, Cold weather tests, Arctic regions, Army operations, Gloves, Rifles, Tool kits, Protective masks

AD-701 870 CPSTI Prices: HC\$6.00 MP\$0.95

HUMAN FACTORS STUDY OF QMC CLOTHING AND EQUIPMENT DURING COLD WEATHER TESTS OF THE LITTLE JOHN WEAPON SYSTEM

Quartermaster Research and Engineering Center Natick Mass (292840)

Research study rept.

AUTHOR: Rosinger, George

7402E2 FLD: 5E, 6Q, 19G, 15E, 925, 907 USGRDR7008

Jul 60 14p

REPT NO: QREC-PB-37

PROJECT: DA-7-X-9501001

ABSTRACT: Observations were made on human factors and compatibility problems in relation to the QMC clothing worn by the crew and the equipment of the Little John Weapon System during cold weather tests. The adequacy of the clothing in terms of the protection it afforded the crew, and its compatibility with the equipment have been discussed. Where appropriate, human factors problems were considered in relation to operational efficiency of the equipment. (Author)

DESCRIPTORS: (*Artillery rockets, Armed forces supplies), Exposure suits, Compatibility, Human engineering, Cold weather tests, Arctic regions, Army operations, Launching sites, Ground support equipment, Clothing

IDENTIFIERS: Little John

AD-701 866 CFSTI Prices: HC\$3.00 MF\$0.95

HUMAN FACTORS STUDY OF QMC CLOTHING AND EQUIPMENT DURING COLD WEATHER TESTS OF THE SERGEANT MISSILE SYSTEM, II

Quartermaster Research and Engineering Center Natick Mass (292840)

Engineering psychology research study rept.

AUTHOR: McGinnis, John M., Zimmerer, Theodore

7402D4 FLD: 5E, 6Q, 16D, 15E, 925, 907 USGRDR 7008

Jun 62 14p

REPT NO: QREC-EPR-2

PROJECT: DA-7-X-9501001

ABSTRACT: A previous study was based on cold weather tests of the SERGEANT Missile System which were held at the Eglin AFB Climatic Laboratory during the summer of 1959. The observations described in the present report were made in the same laboratory in 1962. Both studies are part of a continuing effort by the Quartermaster Corps to insure compatibility between the QM-equipped soldier and Army military systems which he will be required to operate. The general purpose of these studies is to detect problems associated with QMC clothing in the operation of Army equipment systems, and to report these problems to the responsible design and development groups. (Author)

DESCRIPTORS: (*Guided missiles(Surface-to-surface), Army equipment), (*Exposure suits, Compatibility), Human engineering, Cold weather tests, Arctic regions, Army operations, Launching sites, Ground support equipment, Clothing

IDENTIFIERS: Sergeant missiles

AD-701 864 CFSTI Prices: HC\$3.00 MF\$0.95

THE EVALUATION OF EXPERIMENTAL FABRICS AS ALTERNATES FOR STANDARD WOOL FABRICS

Harris Research Labs Inc Washington Dc (162800)

Quarterly rept. no. 20 for period ending 25 Jun 56

AUTHOR: Hollies, Norman R. S.

7102H1 FLD: 11E, 6Q, 920 USGRDR7004

Jun 56 46p

CONTRACT: DA-19-129-qm-331

PROJECT: DA-7-93-18-018B

Report on Development of Alternate Fabrics to Conserve Wool. See also Quarterly rept. no. 18, AD-698 449.

ABSTRACT: A small scale field test has been carried out to assess the improvement in protection against cold that can be expected from using vapor barrier films over certain parts of the underwear of the standard combat cold weather ensemble. Both the experimental techniques and the data handling methods used in the test appear to have general value for other cold weather field studies of clothing comfort.

DESCRIPTORS: (*Woolen textiles, Substitutes), (*Fibers(Synthetic), Test methods), (*Protective clothing, Fibers(Synthetic)), Test methods, Cold weather tests, Perspiration, Thermal insulation, Tolerances(Physiology)

AD-698 450 CFSTI Prices: HC\$6.00 MF\$0.95

THE EVALUATION OF EXPERIMENTAL FABRICS AS ALTERNATES FOR STANDARD WOOL FABRICS

Harris Research Labs Inc Washington Dc (162800)

Quarterly rept. no. 18 for period ending 25 Dec 55

AUTHOR: Hollies, Norman R. S.

7102G4 FLD: 11E, 6Q, 920 USGRDR7004

Dec 55 47p

CONTRACT: DA-19-129-qm-331

PROJECT: DA-7-93-18-018B

Report on Development of Alternate Fabrics to Conserve Wool. See also Quarterly rept. no. 20, AD-698 450.

ABSTRACT: The report is based on a Quartermaster discussion of the problems of comfort in Army cold weather clothing. The comfort aspects directly connected with thermal protection from the cold were considered in terms of: the present multilayer cold weather ensemble in which the fabric layers are of the water vapor permeable type, and the possible new cold weather systems in which water movement in the clothing assembly is restricted by placing a water vapor impermeable membrane in the clothing layers. (Author)

DESCRIPTORS: (*Woolen textiles, Substitutes), (*Protective clothing, Acceptability), (*Fibers(Synthetic), Test methods), Army equipment, Cold weather tests, Thermal insulation, Permeability, Thickness, Heat transfer, Perspiration

AD-698 449 CFSTI Prices: HC\$6.00 MF\$0.95

THE EVALUATION OF EXPERIMENTAL FABRICS AS ALTERNATES FOR STANDARD WOOL
FABRICS

Harris Research Labs Inc Washington Dc (162800)

Quarterly rept. no. 13 for period ending 25 Sep 54

AUTHOR: Hollies, Norman R. S.

7102G3 FLD: 11E, 920 USGRDR7004

25 Sep 54 29p

CONTRACT: DA-44-109-qm-564

PROJECT: DA-9318014

Report on Development of Alternate Fabrics to Conserve Wool.

ABSTRACT: The report presents an examination of the effects of fiber denier and staple length on yarn diameter and fabric thickness of blends; and an examination of the thermal resistance of several four layer cold weather assemblies by the cold wind tunnel technique. Also, a method for comparing the comfort value of experimental shirts on human subjects was evaluated. (Author)

DESCRIPTORS: (*Woolen textiles, Substitutes), (*Thermal insulation, Protective clothing), (*Fibers(Synthetic), Textiles), Cold weather tests, Moisture, Thermal stresses, Thickness, Wind, Nylon, Dacron

AD-698 448 CFSTI Prices: HC\$6.00 MF\$0.95

THE EVALUATION OF EXPERIMENTAL FABRICS AS ALTERNATES FOR STANDARD WOOL FABRICS

Harris Research Labs Inc Washington Dc (162800)

Quarterly rept. no. 10 for period ending 25 Dec 53

AUTHOR: Hollies, Norman R. S.

7102G2 FLD: 11E, 920 USGRDR7004

Dec 53 29p

CONTRACT: DA-44-109-qm-564

PROJECT: DA-93-18-014

Report on Development of Alternate Fabrics to Conserve Wool. See also AD-698 449.

ABSTRACT: Since alteration in the wicking behavior is the result of blending of synthetics with wool, some questions have been raised as to the consequences of this phenomenon in warmth and comfort of clothing. Experiments were conducted analogous to two differing types of use situations: (1) that corresponding to moist-warm conditions in which a single layer of cloth is in contact with a moist skin and one face freely exposed to the wind, and (2) that corresponding to cold weather conditions in which multilayers of fabrics are used and free exposure of some of the component layers is absent. Under conditions in which free exposure of the moist fabric to air is prevented, as in the interior layers of arctic assemblies the wet thermal resistance is not related to the wicking character of the fabric. This is demonstrated by the similar wet thermal resistance of underwear made of wool and shrink-resistant wool, and of nylon and water repellent nylon. A comparison of methods now used for measuring wicking was made in order to determine whether any one of the methods was potentially suitable for specification purposes. With a group of fabrics differing widely in this property, very good agreement was found with the vertical strip method, a horizontal strip method and the drop absorption technique. (Author)

DESCRIPTORS: (*Fibers(Synthetic), Efficiency), (*Woolen textiles, Substitutes), Protective clothing, Perspiration, Absorption, Cold weather tests, Thermal properties

AD-698 447 CFSTI Prices: HC\$6.00 MF\$0.95

A STUDY OF TECHNOLOGIES FOR REDUCING WINTER WEATHER COSTS

Arctic Inst. of North America, Washington, D.C. (033 050)

6624D3 FLD: 5C, 13B, 912 USGRDR6921

Jun 69 143p*

REPT NO: Research paper-55

Sponsored by the Office of Regional Development. Washington, D.C.

ABSTRACT: The Arctic Institute of North America has examined a variety of facts available to it pertaining to the effects of winter weather on regional development of the northern New England states and the states of upper Great Lakes. (Author)

DESCRIPTORS: (*Urban planning, Weather), (*Weather, Economics), Feasibility studies, Budgets, Industries, Protective clothing, Damage, Construction, Housing, Snow removal, Ice, Roads, Maintenance, Runways, Statistical analysis, Urban areas, Costs, Great Lakes

IDENTIFIERS: Winter, Regional development and planning, New England, Upper Great Lakes Area

PB-185 658 CFSTI Prices: HC\$6.00 MF\$0.95

FOREIGN MATERIEL FOR ARCTIC OPERATIONS

Library of Congress Washington D C Aerospace Technology Div (009980)

Surveys of foreign scientific and technical literature.

6423D3 FLD: 15G, 925 USGRDR6918

30 Jun 69 46p

REPT NO: ATD-69-80

ABSTRACT: Contents: Ground force materiel R and D: Combat vehicles; Logistical vehicles; Support equipment; Shelters; Individual clothing and equipment; Food and food-preparation equipment; Navigation and communication equipment; Aircraft ground support equipment; and Fixed-wing ground force aircraft.

DESCRIPTORS: (*Armed forces(Foreign), Armed Forces operations, (*Armed Forces operations, Arctic regions), Armored vehicles, Engines + motors, Oils, Trailers, Tractors, Passenger vehicles, Maintenance vehicles, Bridges, Housing, Protective clothing, Food, Landing fields, Communication systems, Ground support equipment, Navigational aids, USSR

IDENTIFIERS: Trucks, Pontoon bridges

AD-691 224 CFSTI Prices: HC\$6.00 MF\$0.95

WORK CLOTHES

Army Foreign Science and Technology Center Washington D C (038300)

AUTHOR: Voskresenskaya, N.

6192K3 FLD: 6Q, 941 USGRDR6914

5 May 69 9p

REPT NO: FSTC-HT-23-787-68

PROJECT: FSTC-92236282301

Trans. of Nauchno-Tekhnicheskie Obshchestva SSSR, v10 n6 p33-34 1968.

ABSTRACT: A popular outline of work done by the All-Union Scientific Research Institute of the Sewing Industry. This institute performs comprehensive testing and field evaluation of all types of work clothing, including physiological tests in test chambers to determine the suitability of work clothing for the type of work being done.
(Author)

DESCRIPTORS: (*Protective clothing, Environmental tests), Specifications, Industries, Textiles, Industrial plants, Cold weather tests, Climatology, Models(Simulations), Labor, Design, Acceptability, USSR

IDENTIFIERS: Translations, *Work clothes

AD-688 057 CFSTI Prices: HC\$3.00 MF\$0.95

A COOLING HOOD IN HOT-HUMID ENVIRONMENTS

Kansas State Univ Manhattan Dept of Industrial Engineering (404603)

Special rept.

AUTHOR: Konz, Stephan A., Nentwich, H. Fritz

5885B3 FLD: 6Q USGRDR6910

Jan 69 39p*

REPT NO: THEMIS-SR-81

CONTRACT: F44620-68-C-0020

PROJECT: AF-7921

TASK: 792108

MONITOR: AFOSR-69-0574TR

ABSTRACT: This paper describes cooling man with conduction; specifically, cool water in tubes of a hood on the head. The results can be summarized as follows: Head temperature was kept considerably lower and skin and rectal temperatures were kept lower; cardiac cost was reduced; sweating was at approximately 40% of the rate without the hood, and permitted exposure time to heat stress was longer. (Author)

DESCRIPTORS: (*Cooling, Humans), (*Protective clothing, Cooling), Body temperature, Skin, Heat tolerance, Conduction(Heat transfer), Liquid cooled, Stress(Physiology), Sweat glands, Humidity, Environment

IDENTIFIERS: Cooling hoods

AD-684 582 CFSTI Prices: PC\$6.00 MF\$0.95

MICROCLIMATE-CONTROLLED (THERMALIBRIUM) PROTECTIVE CLOTHING SYSTEM FOR
MILITARY APPLICATIONS

Army Natick Labs Mass Clothing and Personal Life Support Equipment Lab
(404487)

Technical rept.

AUTHOR: Spano, Leo A.
5743H2 FLD: 6Q USGRDR 6908
Nov 68 29p
REPT NO: C/PLSEL-60
PROJECT: DA-1-J-062110-A-533
MONITOR: USA-NLABS-TR-68-58-CE

ABSTRACT: Thermalibrium clothing is a system of heat-regulated protective ensembles designed to protect troops exposed to extreme and/or toxic environments. The design and functional characteristics of the various components comprising thermalibrium systems are described. Typical functional systems for use in U. S. Army aircraft and tracked vehicles (tanks), and in chemical and biological contaminated environments are discussed. (Author)

DESCRIPTORS: (*Protective clothing, Design), Military requirements, Thermal radiation, Environment, Exposure, Chemical warfare agents, Toxicity, Biological warfare agents, Tanks(Combat vehicles), Army aircraft, Protective masks, Radioactive fallout, Heat, Cold weather tests, Hazards

IDENTIFIERS: Thermalibrium clothing

AD-682 715 CFSTI Prices: PC\$6.00 MF\$0.95

A SURVEY OF HUMAN FACTORS IN MILITARY PERFORMANCE IN EXTREME COLD WEATHER

George Washington Univ., Alexandria, Va. Human Resources Research Office. (173 200)

Research memo.

AUTHOR: Washburne, Norman F.
5385D3 FLD: 5I, 5J USGRDR6902
Jun 60 50

ABSTRACT: A survey of human factors in military performance in extremely cold weather.

DESCRIPTORS: (*Military personnel, Performance(Human)), (*Arctic regions, Military personnel), State-of-the-art reviews, Stress(Psychology), Alaska, Canada, Greenland, Military psychology, Armed Forces operations, Cold weather tests, Military psychology, Adjustment(Psychology), Military training, Attitudes, Stress(Psychology), Environment, Protective clothing, Stress(Physiology), Reaction(Psychology)

AD-477 889 CFSTI Prices: PC\$6.00 MF\$0.95

PERFORMANCE AND LIFE SUPPORT IN ALTERED ENVIRONMENTS

Kansas State Univ Manhattan Inst for Environmental Research (404229)

Interim rept. 1 Sep 67-1 Jul 68

AUTHOR: Nevins, Ralph G.

5313C2 FLD: 6K USGRDR6901

1 Aug 68 73p

CONTRACT: F44620-68-C-0020

PROJECT: AF-7921

TASK: 792108

MONITOR: AFOSR-68-2096

Report on Project Themis.

ABSTRACT: The three most significant scientific or technological accomplishments are as follows: (a) Systems Analysis of Optimization of Life-supported Systems; (b) Biological Rhythms; (c) Cooling Hood for Hot-Humid Environment. (Author)

DESCRIPTORS: (*Life support, Reports), Performance(Human), Ventilation, Optimization, Behavior, Rhythm(Biology), Protective clothing, Closed ecological systems, Psychophysiology, Stress(Psychology)

IDENTIFIERS: Themis project

AD-677 679 CFSTI Prices: PC\$6.00 MF\$0.95

FEASIBILITY STUDY AND CONCEPTUAL DESIGN FOR A PERSONAL THERMAL CONDITIONING SYSTEM

Sanders Nuclear Corp Nashua N H (388213)

Technical rept. Aug-Dec 67

AUTHOR: Sullivan, J. J., Disco, N. R., Wong, A.
4723H4 FLD: 18B, 6G, 6Q, 20M USGRDR6815

Dec 67 327p*

CONTRACT: F41609-67-C-0096

PROJECT: AF-6770

MONITOR: AMD-TR-68-1

ABSTRACT: An airman forced to eject over Arctic terrain or cold water is faced with a very brief survival period after landing. (Approximately three minutes in 28F water.) This period of time is insufficient to initiate and accomplish a successful rescue mission. A study has been made to determine the feasibility of extending the survival period by warming the airman with heat generated by a radioisotope. A conceptual design has been created consisting of a network of water filled tubes worn beneath an insulated suit. Water in the tubes is heated by a 500 watt radioisotope to warm the pilot during a survival situation (28F water or -65F air), and is cooled by an 825 watt refrigerator to keep the airman comfortable while flying the aircraft with cabin temperatures up to 120F. A thermo-electric power generator supplies 12 watts of power for the water pump. Comparison studies of several radioisotopes have been made. System calculations and component calculations show that the concept is feasible and practicable for extending the survival period indefinitely. The survival system weight is estimated at 80 pounds and is configured to fit in a USAF standard ejection seat kit.
(Author)

DESCRIPTORS: (*Protective clothing, Radioactive isotopes), (*Radioactive isotopes, Heat transfer), (*Survival kits, Arctic regions), Pilots, Feasibility studies, Ejection seats, Terrain, Sea rescues, Radiation tolerance, Heat, Aircraft cabins, Thermal insulation, Refrigeration systems, Cooling, Design

AD-670 212 CFSTI Prices: PC\$6.00 MF\$0.95

DIRECT MOLDED SOLE BOOTS

Army Natick Labs Mass Clothing and Organic Materials Lab (400237)

Technical rept.

AUTHOR: Park, Alice F., Swain, Douglas S.
4471L4 FLD: 15E, 6Q USGRDR6810

Sep 67 24p

PROJECT: DA-1M643303D54712

MONITOR: FL-19

ABSTRACT: The U.S. Army Natick Laboratories modified a method of footwear construction known as Direct Molded Sole (DMS) for the Army's tropical and all-leather combat boots. NLABS developed the special component materials, boot designs and fabrication techniques required to produce military footwear by the DMS process. The sole and heel of the new DMS boots are molded directly to the boot uppers on high-pressure vulcanizing machines, eliminating the sole stitching and heel nailing which were the major points of failure in welt combat footwear. The DMS boots are significantly more durable and more comfortable than welt construction boots, and will save the military money both in production cost and by reducing boot repair and maintenance problems. The DMS process has enabled NLABS to incorporate special protective features into the tropical combat boot, including a steel shield to resist penetration of the boot bottom by punji stakes, and a wedge shank to deflect and absorb the impulse of antipersonnel land mines. (Author)

DESCRIPTORS: (*Shoes, Manufacturing methods), Molding, Army personnel, Tropical regions, Leather, Rubber, Vulcanization, Cost effectiveness, Maintenance, Honeycomb cores, Protection, Armed forces supplies, Shielding, Shock resistance, Military requirements, Metal plates

IDENTIFIERS: *Boots, *Direct molded soles

AD-666 756 CFSTI Prices: PC\$6.00 MF\$0.95

SEALED INSULATED MILITARY BOOTS

Army Natick Labs Mass Clothing and Organic Materials Lab (400237)

Technical rept.

AUTHOR: L'Hollier, Leslie H., Park, Alice F.
4471K4 FLD: 15E, 6Q USGRDR6810

Nov 67 29p

PROJECT: 7-79-10-002

MONITOR: FL-20

ABSTRACT: Sealed insulated rubber boots protect U.S. military personnel against cold injuries to the feet in wet- and dry-cold climates. The boots are constructed on a double vapor barrier principle, with an air chamber and insulating material sealed between two impermeable barriers of rubber. The outer boot wall or barrier protects the insulation against environmental water and the inner barrier next to the foot protects the insulation against foot perspiration and water vapor. By keeping the insulation dry, the double barriers eliminate the evaporation of moisture from the foot and sockgear which is a major cause of cold injury. The conception of the principle of the sealed insulated boot during World War II, its design and fabrication for its initial use in the Korean War, and subsequent improvements are discussed. (Author)

DESCRIPTORS: (*Shoes, *Thermal insulation), Design, Rubber, Seals, Frostbite, Exposure, Moistureproofing, Permeability, Water vapor, Perspiration, Construction, Armed forces supplies, Military personnel, Feet

IDENTIFIERS: *Boots

AD-666 752 CFSTI Prices: PC\$6.00 MF\$0.95

SERVICE TEST OF SURVIVAL KIT, OV-1 AIRCRAFT, COLD CLIMATE

Army Arctic Test Center, Fort Greely, Alaska. (036 000)

Final rept.

4445C2 FLD: 6G USGRDR6809
22 May 64 42p
PROJECT: DA-1K1-41812D183

ABSTRACT: Tests were conducted to determine the suitability of the survival kit, OV-1 Aircraft, Cold climate for army use under Arctic winter conditions. The survival kit was tested at ambient air temperatures ranging from 44 F to -46 F. The URC-10 radio w/battery was unsatisfactory on the voice mode after a cold-soak of 16 hours at temperatures of 14 F and below. It was concluded that, when modified to correct the deficiencies and shortcomings, and when the URC-10 radio is removed from the kit, to be carried as personal equipment, the survival kit, OV-1 Aircraft, Cold climate should be suitable for use under Arctic winter conditions. (Author)

DESCRIPTORS: (*Survival kits, Arctic regions), Aircraft, Tests, Effectiveness, Protective clothing, Army, Military requirements, Radio equipment, Temperature

IDENTIFIERS: Signaling devices, V-1 aircraft, OV-1 aircraft, Winter (Season)

AD-440 337 CFSTI Price: PC\$6.00

EFFECT OF WET INSULATION IN VAPOR BARRIER COLD-WEATHER BOOTS

Army Research Inst of Environmental Medicine Natick Mass (040850)

AUTHOR: Breckenridge, J. R.

3943I1 FLD: 6Q USGRDR6723

24 Mar 67 3p

MONITOR: 18

Availability: Published in Textile Research Journal v37 n9 p809-11
Sep 1967.

ABSTRACT: In order to insure a consistently high level of foot protection for the soldier in cold environments, the Army makes a practice of declaring unserviceable any cold-weather insulated boot which shows evidence (through weight gain) of having 1 oz or more of water in its insulation. The choice of a one-ounce rejection level is an arbitrary one, necessitated by a lack of data on the effect of water on insulating value. Studies were made to determine the effect of various amounts of water in the insulated boot, to provide a more realistic basis for setting the rejection level. It was felt that a greater amount of water than 1 oz might be tolerated without seriously compromising foot protection, in which case savings amounting to many thousands of dollars annually would be realized. The plan for this study called for measurement of thermal insulation of three separate cold-dry insulated boots plus sock, dry and with 1/2, 1, 1 1/2, and 2 oz of water added to the sealed boot insulation. All boots were from the same production run and weighed approximately 48 oz each.
(Author)

DESCRIPTORS: (*Shoes, Thermal insulation), Water, Protection, Feet, Acceptability, Protective clothing, Evaporation, Tolerances (Physiology)

AD-659 694

PYHICAL AND PHYSIOLOGICAL FACTORS IN FATAL EXPOSURES TO COLD

Army Research Inst of Environmental Medicine Natick Mass (040850)
AUTHOR: Kreider, Marlin B.

3751B2 FLD: 6S USGRDR6720
18 Jul 66 11p

MONITOR: 18

Availability: Published in National Speleological Society Bulletin
v29 n1 p1-11 Jan 1967.

ABSTRACT: The deaths of three cave explorers recently from exposure to cold came as a surprise because of the moderate climate of most caves. The special conditions not usually present simultaneously during cave explorations which contributed to these fatalities are: (1) frequent or continuous exposure to cold water, (2) continuation and even intensification of the exposure after the first signs of deterioration from the cold are apparent, (3) the necessity to perform heavy and skilled work in order to make an exit from the cave during this period of increased cold exposure when fatigue from hours of exploring is severe, and (4) wearing of lightweight clothing. When the first signs of deterioration due to cold appeared, rewarming should have begun immediately because this is when body temperature began to drop more rapidly than before. In these cases where death is assumed to be due to hypothermia, it must have dropped very rapidly since death came within 1 1/2 hours of the first signs of deterioration. The personal factors which are favorable to the maintenance of body temperature are good physical fitness which provides a high capacity for exercise and thus for body heat production; good nutritional status; good health; large body size and fat content; abstinence from drugs affecting performance and body function. However, since cooling in water is two to four times faster than in air, the use of protective clothing is necessary. Layered woolen clothing, covered by an outer shell of tight weave which is closed at the cuffs, sleeves and neck to reduce convective cooling, give the next best protection to that of a foam rubber suit during water immersion. (Author)

DESCRIPTORS: (*Exposure, Survival), (*Hypothermia, Survival), Tolerances(Physiology), Accidents, Body temperature, Heat production(Biology), Fatigue(Physiology), Physical fitness, Exercise, Body weight, Nutrition, Protective clothing, Evaporation, Water, Cooling, Responses, Stress(Physiology)

IDENTIFIERS: Caves, Cold tolerance

AD-656 819

ELECTRICALLY HEATED HANDWEAR

Army Natick Labs Mass Clothing and Organic Materials Div (400237)

Summary rept.

AUTHOR: Madnick, Herman, Park, Alice
3725L4 FLD: 6Q, 15E USGRDR6719

Mar 67 23p

REPT NO: C/ED-46

PROJECT: DA-1M624101D504

MONITOR: USA-NLABS-TR-67-82-CM

ABSTRACT: Electrically heated handwear is presented as a solution to the hand-protection problem for equipment operators and other military personnel who must use their hands in extremely cold conditions for prolonged periods. The problem of hand cold injury, the inadequacy of conventional solutions and existing handwear, and various experimental approaches are discussed. The U.S. Army Natick Laboratories has assembled an auxiliary electrical handwear system and is continuing research efforts to improve electrically heated handwear. It is concluded that because of the demonstrated need for such handwear and the current feasibility of manufacturing it, electrically heated handwear should be supplied to the appropriate personnel. (Author)

DESCRIPTORS: (*Gloves, Heating elements), Operators(Personnel), Arctic regions, Aviation personnel, Heating, Exposure, Frostbite

AD-656 742 CFSTI Prices: PC\$6.00 MF\$0.95

DEVELOPMENT OF A COMBAT BOOT LAST FOR THAI AND VIETNAMESE MILITARY
FORCES

Army Natick Labs Mass Clothing and Organic Materials Div (400237)

Final rept. (Phase 2), 11 Oct 65-20 Jan 66

AUTHOR: Swain, Douglas S.

3665H3 PLD: 15E, 6N USGRDR6718

May 67 27p

CONTRACT: ARPA Order-267

MONITOR: USA-NLABS-TR-67-81-CM

ABSTRACT: The report covers Phase II of work accomplished by the U. S. Army Natick Laboratories, Natick, Massachusetts under Advanced Research Project Agency (ARPA) Order No. 267, Amendment 11 on 'The Development of a Combat Boot Last for Thai and Vietnamese Military Forces.' The program was a joint venture conducted with anthropometric data on Thai and Vietnamese feet originating at the Natick Laboratories, and preliminary tests of lasts and footwear models developed from this study by Jones and Vining, Inc., Brockton, Massachusetts. The Project Officer on this program from the Natick Laboratories, and the representative from Jones and Vining, Inc., were in Thailand and Vietnam from 24 March to 24 April, 1965 at which time they conducted fit and wear tests of combat boots manufactured over the newly-developed last. The tests showed that 99 percent of the Vietnamese/Thai military personnel could be adequately fitted using the new last with minor modifications, which were made. Models and equipment to fabricate the boots were provided to Thailand and Vietnam, U. S. Military Assistance Command. (Author)

DESCRIPTORS: (*Shoes, *Armed forces supplies), Thailand, Vietnam, Japan, United States, Protective clothing, Armed forces research, Wear resistance, Measurement, Anthropometry

AD-655 529 CFSTI Prices: PC\$6.00 MF\$0.95

STUDIES OF COLD WEATHER CLOTHING

Army Medical Research Lab Fort Knox Ky (039650)

AUTHOR: Horvath, Steven M.

3443F3 FLD: 6Q, 11E USGRDR6714

24 May 44 12p

PROJECT: 20-4

MONITOR: 18

ABSTRACT: The purpose of the research was to determine the amount of thermal insulation lost by convection between layers of two adjacent fabrics, and within the fabrics themselves. No increase in insulation was observed from the napping of either the sateen windproof outer garments or the pile garments. Both the standard issue and the modified napped issue have the same inherent insulation of approximately five (5) clo. Subjectively, no differences in comfort sensations were reported with the wearing of these two issues or combinations thereof. The napping of garments is not considered a satisfactory means for enhancing the insulating value of clothing.
(Author)

DESCRIPTORS: (*Protective clothing, Thermal insulation), (*Textiles, Convection(Heat transfer)), Cold weather tests, Exposure, Military requirements, Military medicine

AD-652 352 CFSTI Prices: PC\$3.00 MF\$0.95

STUDY OF THE PHYSIOLOGIC EFFECTS OF COLD

Army Medical Research Lab Fort Knox Ky (039650)
AUTHOR: Horvath, Steven M., Golden, Howard, Wagar, John
3443F1 FLD: 6S USGRDR6714
31 May 46 21p
REPT NO: 3
PROJECT: 1-19
MONITOR: 18

ABSTRACT: Continuous observations were made of the metabolic rate, skin and rectal temperatures of men while dressed in Arctic uniforms and sitting quietly in extremely cold environments. Ambient temperatures ranged from +1.1 to 40C. The heat production in the cold was above basal values during the entire test period. In the -40C environment, average metabolic increase of 13, 53 and 74 per cent were recorded for the first, second and third hours respectively. The rise in heat output during the first hour could not be explained on the basis of shivering. In the third hour, shivering was present in the majority of the subjects. The fall in rectal temperatures was moderate although values of 35.4C. were occasionally observed. The absolute value was not correlated with the presence of shivering and, therefore, low rectal temperatures could not be considered as the stimulus for shivering. Mean skin temperatures fell precipitously during the first hour of exposure and were stabilized before the end of the test period. Considerable variability was observed in both the rate and extent of fall not only in different men, but in repeat tests on the same subject. Of all the skin areas, the hands and feet exhibited the greatest temperature changes in both rate and degree of fall. Toe temperatures below 0C. were noted in several instances. The susceptibility of the extremities to cold environments was related to their sensitive vasomotor mechanisms and to the fact that they were provided with the least amount of insulative protection. (Author)

DESCRIPTORS: (*Stress (Physiology), *Cold weather tests), Metabolism, Body temperature, Heat production (Biology), Shivering, Exposure, Extremities, Responses, Relaxation (Physiology), Military medicine, Protective clothing

AD-652 350 CFSTI Prices: PC\$6.00 MF\$0.95

TEST OF THE ADEQUACY AND RANGES OF USE OF CLOTHING FOR JUNGLE OPERATIONS; EFFECTS OF IMPREGNATED AND IMPERVIOUS CLOTHING UPON THE EFFICIENCY OF PERSONNEL

Army Medical Research Lab Fort Knox Ky (039650)

AUTHOR: Bean, William B., Ashe, William F., Eichna, Ludwig W.

3441H3 FLD: 6Q USGRDR6714

24 Nov 43 10p

PROJECT: 2(2-3), 2(2-18)

MONITOR: 18

ABSTRACT: The effects of various types of issue clothing and non-standard items were measured during two acclimatization experiments, utilizing thirty (30) enlisted volunteers in the Hot Room of the Armored Medical Research Laboratory. The men were well acclimatized and showed no evidence of deterioration during the period of test of the clothing. Relative changes in heart rate, rectal temperature, water (sweat) loss and subjective reactions during and upon completion of standard work were noted. (Author)

DESCRIPTORS: (*Clothing, Tropical tests), Jungles, Acclimatization, Performance (Human), Acceptability, Military requirements

AD-652 264 CFSTI Prices: PC\$3.00 MF\$0.95

HUMAN REACTIONS TO HIGH TEMPERATURES ANNOTATED BIBLIOGRAPHY
(1927-1962)

Army Tropic Test Center Fort Clayton Canal Zone (042290)

3404L4 FLD: 6S, 5J, 14B USGRDR6713

Mar 67 115p

PROJECT: DA-1L013001A91A-00

MONITOR: 18

ABSTRACT: A 352 item annotated bibliography extracted from three sources, the Psychological Abstracts, the Defense Documentation Center, and the Tufts University Human Engineering Service. Includes effects of high temperature, high humidity, tropic and desert environments on human performance, comfort, well-being, and internal responses. The bibliography is a collation from secondary sources.
(Author)

DESCRIPTORS: (*Heat tolerance, Bibliographies), Tropical regions, Tropical tests, Humidity, Temperature, Responses, Clothing, Adaptation(Physiology), Acclimatization, Performance(Human), Human engineering, Stress(Physiology), Desert tests, Reaction(Psychology), Abstracts

AD-651 940 CFSTI Prices: PC\$6.00 MF\$0.95

ATTITUDES OF TROOPS IN THE TROPICS

Rowland and Co Haddonfield N J (310300)

Abridgement of research repts.

AUTHOR: Lee, Robert J.

3243B2 FLD: 5J, 5I USGRDR6710

Feb 67 106

CONTRACT: DA-19-129-QM-2076, DA-129-QM-2076 (N)

PROJECT: 7X95-01-001

MONITOR: EPT-6

ABSTRACT: Data were compiled to determine the effects of tropical operations on opinions and attitudes of the soldier regarding food, clothing, and equipment. Three groups, both combatant and non-combatant, from Panama, Okinawa, and Hawaii, participated. The objective was to obtain, summarize and suggest uses for this information for more effective military operations in the tropics. Items of clothing and equipment developed for a tropic environment were regarded as generally acceptable. Overall, foods were acceptable with quality preferred over quantity. Cooperation or uncooperation in responses was linked to factors of age, education, rank, time in the Army, and combat experience. The Panama group rated the highest in most of these categories. Other variables included water, climate, insects, entertainment and family associations. Specific conclusions are listed regarding methodology and equipment.

DESCRIPTORS: (*Military personnel, Attitudes), (*Tropical regions, Military personnel), Food, Clothing, Environment, Education, Army equipment, Reaction(Psychology), Social psychology, Armed forces operations, Logistics, Aging(Physiology)

AD-649 540 CFSTI Prices: PC\$6.00 MF\$0.95

SHIPBOARD EVALUATION OF EXPERIMENTAL MODEL I BUOYANT INSULATED COLD WEATHER JACKETS

Naval Supply Research and Development Facility Bayonne N J (252300)
AUTHOR: Zemme, Caesar J., Silvia, John
2823J4 FLD: 6P USGRDR6618
May 66 2p
PROJECT: RENS-14-02-001-00-1, T-F015

ABSTRACT: A service evaluation of experimental buoyant permeable and impermeable cold weather jackets was conducted during two consecutive winters aboard aircraft carriers and destroyers. The extended evaluation was conducted to assess the protective properties, fit, and durability (especially of the buoyant insulation) of the garments. The jackets were insulated with unicellular polyvinyl chloride foam (PVC) which provided sustained emergency buoyancy as an integral component of the jackets. This feature is not provided by the standard Navy A-2 Intermediate Cold Weather Jacket and A-1 Extreme Cold Weather Jacket when the liner is removed. Test results indicated that the new jackets furnished satisfactory, functional utility and environmental protection and that the PVC foam was suitable for use as an insulating material. The tests also revealed certain design short-comings of the impermeable jacket which will require correction. (Author)

DESCRIPTORS: (*Clothing, *Thermal insulation), Shipborne, Buoyancy, Polyvinyl chloride, Protective clothing, Tests

IDENTIFIERS: Evaluation

AD-636 973 CFSTI Prices: PC\$3.00 MF\$0.95

CLOTHING ALMANAC FOR SOUTHEAST ASIA

Earth Sciences Div Army Natick Labs Mass (400613)

Technical rept.

AUTHOR: Anstey, Robert L.

2544E3 FLD: 6P USGRDR6614

Jan 66 2p

REPT NO: ES-22

PROJECT: da-1V025001A129

MONITOR: USA-NLABS-TR-66-20-ES

Availability: Original document in color until exhausted.

ABSTRACT: The Clothing Almanac supplements TA 50-902, mobilization, dated 3 April 1963. Monthly military clothing requirements are given for Southeast Asia, including the countries of Burma, Laos, Cambodia, Malaysia, Thailand, and Viet Nam. This region covers portions of Clothing Allowance Zones I and II, which are further divided into mountainous and non-mountainous clothing requirement areas. In general, the environmental conditions of the lowland areas in the southern half of this region require the use of Zone I clothing throughout the year. Zone II clothing is required in lowlands in the northern half of this region. Mountainous areas generally require the use of items listed for the next colder zone, or any additional item required for troop protection. Clothing items are grouped alphabetically in tables for each area. A map is provided at the back of the report to indicate the extent of each area in Southeast Asia. The almanac includes a summary of physical features of the region, high elevations, climate, biotic conditions and the relation of these features to the issue of special clothing items. (Author)

DESCRIPTORS: (*Clothing, Southeast Asia), (*Military requirements, Clothing), Army personnel, Protective clothing, Environment, Climatology, Disease vectors, Poisons, Reptiles, Insects, Bites + stings, Plants(Botany), Trees, Mountains, Periodic variations

AD-633 631 CFSTI Prices: PC\$3.00 MF\$0.95

POLAR MANUAL. ARCTIC AND ANTARCTIC LIVING CONDITIONS, PERSONNEL SELECTION, HYGIENE AND SANITATION, CLOTHING, NUTRITION, SUPPLIES AND EQUIPMENT, VISUAL DISABILITIES AND COLD INJURIES, FIRST AID, SAFETY, AND SURVIVAL

Naval Medical School Bethesda M (250000)

Fourth ed.

AUTHOR: Hedblom, E. E.
2521E1 FLD: 6R, 6E, 6D, 6F, 6G, 6H, 6K, 6M, 6O USGRDR6615
30 Apr 65 2p

DESCRIPTORS: (*Polar regions, Handbooks), Ecology, Personnel, Physiology, Hygiene, Adjustment(Psychology), Heat, Clothing, Nutrition, Sanitary engineering, Transportation, Logistics, Vision, Wounds + injuries, Geography, Medical supplies, Medicine, Survival, Dentistry, Mortality rates, Safety

AD-634 266 CFSTI Prices: PC\$3.00 MF\$0.95

No abstract available

HUMAN FACTORS ASPECTS OF THE QM-EQUIPPED SOLDIER IN JUNGLE OPERATIONS:
AN OPERATIONAL APPROACH

Army Natick Labs Mass Pioneering Research Div (400933)

Technical rept.

AUTHOR: Tambe, Joseph T., Stenbridge, George E.
2502A1 FLD: 15E, 6P, 6G, SD USGRDR6615

May 66 2p

REPT NO: EPT-3

PROJECT: da-1K0-24701-A122

MONITOR: USA-NLABS-TR-66-48-PR

ABSTRACT: The study explores human factors problems associated with jungle operations by means of field observations made during tactical exercises conducted at the Jungle Warfare Training Center. The operational and physical environments, required soldier tasks and activities, and the equipment used are described. The major problems discussed concern combat load, heat, mobility, and certain features of rations. (Author)

DESCRIPTORS: (*Human engineering, Logistics), (*Army personnel, *Jungles), (*Clothing, Human engineering), (*Military rations, Human engineering), Armed forces supplies, Armed forces operations, Tropical tests, Mobility, Loading(Mechanics)

AD-634 720 CPSTI Prices: PC\$3.00 MF\$0.95

POLYESTER BATTING FOR CLOTHING AND MITTEN INSULATING LAYERS

Army Natick Labs Mass Clothing and Equipment Development Branch (401508)

Applications engineering project, Aug-Dec 65.

AUTHOR: Madnick, Herman

2415H2 FLD: 15E, 11H USGRDR6618

Feb 66 2p

REPT NO: C/ED-40

MONITOR: USA-NLABS-TR-66-23-CM

ABSTRACT: The report describes the feasibility of using a flame-bonded polyester insulating layer to replace a stitch-bonded insulating material for clothing and mitten environmental layers. Substitution of this material would reduce the weight of the end product and lower the ultimate cost to the government because it would require fewer fabrication processes. (Author)

DESCRIPTORS: (*Polyester plastics, Thermal insulation), (*Gloves, Thermal insulation), (*Clothing, Thermal insulation), Feasibility studies, Arctic regions

AD-636 728 CFSTI Prices: PC\$3.00 MF\$0.95

THE ARCTIC SOLDIER: POSSIBLE RESEARCH SOLUTIONS FOR HIS PROTECTION

Army Research Inst of Environmental Medicine Natick Mass (000000)
AUTHOR: Goldman, Ralph F.
1701J1 USGRDR6510
1964 2p

ABSTRACT: The results are summarized of a research program on auxiliary heating with minimum power. The program established the feasibility of 2 approaches: auxiliary heating for the extremities of the body and a conditioned air-clothing system that probably has primary application in hot and/or toxic environments but could handle cold easily. Protection of the inactive soldier in extremely cold environments was resolved in terms of the parameters of weight and cost. A 7-lb prototype system was adequate to meet military characteristics of providing 8 hours of protection for the inactive man at -40 degrees F with a 3 mile/hour wind. Improvement in the weight factor can be anticipated as power source development improves over the current 16 watt-hours/pound. A more immediate use of auxiliary heated hardware and footware is in areas where power is available such as military vehicles, radio and radar equipment, and missiles. The auxiliary heating system developed is compatible with a 12- or 24-v AC or DC power source.

DESCRIPTORS: (*ARMY PERSONNEL, ARCTIC REGIONS), (*ARCTIC REGIONS, ARMY PERSONNEL), (*PROTECTIVE CLOTHING, ARMY PERSONNEL), (*ACCLIMATIZATION, ARMY PERSONNEL), SCIENTIFIC RESEARCH, SHELTERS, HEATING, FEET, HANDS, CLIMATE, EXPOSURE SUITS, HEAT PRODUCTION (BIOLOGY), GLOVES, SHOES

IDENTIFIERS: COLD TOLERANCE

AD-613 189 CFSTI Price: PC\$3.00

RESPIRATORY AND MICROCLIMATE TEMPERATURES WITHIN THE PARKA HOOD IN EXTREME COLD

Aerospace Medical Research Labs Wright-Patterson AFB Ohio (000000)

Final rept.

AUTHOR: Veghte, James H.

1485L4 : USGRDR

Sep 64 2p

PROJECT: 7164

TASK: 716409

MONITOR: AMRL-TDR64 79

ABSTRACT: The standard Air Force arctic clothing was worn to determine if it provided adequate head protection in extremely cold temperatures. Subjects were exposed to -62C for 40 to 50 minutes in an environmental chamber. Possible respiratory problems and frostbite of the cheeks and nose were the primary concern. Subjects resting or exercising experienced no respiratory or frostbite problems. Air in the hood rapidly approached ambient conditions, because of the explosive nature of expiration and the strong convective air movement. Exercise increased the microclimate temperatures in the hood. The existing hood design was found to provide adequate head protection for AF personnel at more extreme temperatures than are normally encountered in the Arctic. (Author)

DESCRIPTORS: (*PROTECTIVE CLOTHING, COLD WEATHER TESTS), (*RESPIRATION, COLD WEATHER TESTS), (*FROSTBITE, COLD WEATHER TESTS), HEAD, NOSE, FACE, POLAR REGIONS, ARCTIC REGIONS, EXPOSURE, EXERCISE, RELAXATION, AIR, TEMPERATURE, TEMPERATURE SENSITIVE ELEMENTS, THERMOCOUPLES, AIR FORCE PERSONNEL

IDENTIFIERS: PARKA HOODS, MICROCLIMATE TEMPERATURES, BIOTHERMAL RESEARCH

AD-608 139 CFSTI Price: PC\$3.00

ATTITUDES OF TROOPS IN THE TROPICS. VOLUME ONE. EQUIPMENT AND SITUATIONAL EVALUATIONS

Rowland and C Haddonfield N J (000000)

Final rept., phase 2

AUTHOR: Hart, Gary L., FaustJr, Richard A., Rowland, GeorgeE., Lucier, R. Omer

1451A3 USGRDR

12 Oct 64 2p

REPT NO: r and C-64-19 vol. 1

CONTRACT: DA19 129QM2076N

PROJECT: 7X95 01 001

ABSTRACT: The final conclusions relating to attitudes of troops stationed in tropical environments are presented. Data was collected from 2160 United States Army troops stationed in Panama, Hawaii and Okinawa, and representing a variety of branches such as Infantry, Airborne, Missile, etc. Attitudes toward specific items of Quartermaster issue are reported and interaction effects among population elements and situational variables are detailed. The data is presented in such a manner as to be of guidance value to equipment designers. (Author)

DESCRIPTORS: (*ARMY PERSONNEL, TROPICAL REGIONS), (*PSYCHOMETRICS, ARMY PERSONNEL), (*HUMAN ENGINEERING, ARMED FORCES SUPPLIES), (*ATTITUDES, ARMY PERSONNEL), PROJECTIVE TECHNIQUES, ACCLIMATIZATION, PROTECTIVE CLOTHING, STATISTICAL DATA, TEST METHODS, PANAMA, HAWAII

IDENTIFIERS: OKINAWA, DEMOGRAPHY

AD-609 122 CFSTI Price: PC\$3.00

ATTITUDES OF TROOPS IN THE TROPICS. VOLUME TWO. METHODOLOGICAL
IMPLICATIONS

Rowland and C Haddonfield N J (000000)

Final rept., phase 2

AUTHOR: Hart, Gary L., FaustJr, Richard A., Rowland, George E.,

LUCIER, R. Omer

1451A2 USGRDR

12 Oct 64 2p

REPT NO: r and C-64-19 vol. 2

CONTRACT: DA19 129QM2076N

PROJECT: 7X95 10 001

ABSTRACT: The final methodological considerations and conclusions relating to the development of new attitude measuring techniques are presented. 2160 U. S. troops stationed in Panama, Hawaii and Okinawa participated in this study as subjects. Complementary 'objective' and 'projective' techniques were compared and contrasted for their efficacy in assessing the attitudes of tropical troops towards items of Quartermaster issue and situations relating to tropical military service. A novel dimensionalizing technique was developed for attitude assessment. A method for evaluating response validity by way of a Respondent Consistency Check in the Objective attitude measuring instrument was developed and tested. (Author)

DESCRIPTORS: (*ARMY PERSONNEL, TROPICAL REGIONS), (*PSYCHOMETRICS, ARMY PERSONNEL), (*HUMAN ENGINEERING, ARMED FORCES SUPPLIES), (*ATTITUDES, ARMY PERSONNEL), PROJECTIVE TECHNIQUES, ACCLIMATIZATION, PROTECTIVE CLOTHING, STATISTICAL DATA, TEST METHODS, PANAMA, HAWAII

IDENTIFIERS: OKINAWA, DEMOGRAPHY

AD-609 123 CFSTI Price: PC\$3.00

ATTITUDES OF TROOPS IN THE TROPICS. VOLUME THREE. DATA COLLECTION INSTRUMENTS

Rowland and C Haddonfield N J (000000)

Final rept., phase 2

AUTHOR: Hart, Gary L., FaustJr, Richard A., Rowland, GeorgeE., Lucier, R. Omer

1451A1 USGRDR

12 Oct 64 2p

REPT NO: r and C-64-19 vol. 3

CONTRACT: DA19 129QM2076N

PROJECT: 7X95 01 001

ABSTRACT: Volume Three of a three-volume report is presented. Volume One contains the major body of the descriptive text pertaining to attitudinal data. Volume Two is a methodological treatise. Volume Three contains literal copies of the actual instruments which were used in the final exploratory field stage of data collection. For reasons of expediency the questionnaires and booklets used for the actual data collection were all printed on plain white paper. However, as a convenience, the copies contained herein have been color coded to assist the reader when reference is made from the text to specific instruments. Contents include: Objective tests (Osgood-type scale and Likert-type scale); Written Projective tests; Projective Pictures (written response and color response); Supportive Data Collection Techniques (Lowry-Lucier Reasoning Test Combination).

DESCRIPTORS: (*ARMY PERSONNEL, TROPICAL REGIONS), (*PSYCHOMETRICS, ARMY PERSONNEL), (*HUMAN ENGINEERING, ARMED FORCES SUPPLIES), (*ATTITUDES, ARMY PERSONNEL), PROJECTIVE TECHNIQUES, ACCLIMATIZATION, PROTECTIVE CLOTHING, STATISTICAL DATA, TEST METHODS, PANAMA, HAWAII

IDENTIFIERS: OKINAWA, DEMOGRAPHY

AD-609 124 CFSTI Price: PC\$3.00

PROJECT COLD CASE

Arctic Aeromedical Lab., Fort Wainwright, Alaska. (032 700)

Technical documentary rept.

AUTHOR: Milan, Frederick A.,
0315F2 FLD: 6Q USGRDR6603

Feb 65 30p

REPT NO: AAL-TDR-64-23

PROJECT: AF-8238

TASK: 823801

Distribution: No limitation.

ABSTRACT: The results of Project Cold Case, an investigation of the cold land survival capabilities of Air Force pilots wearing the Full Pressure High Altitude Flying Outfit (A/P22S-2 and A/P 22S-3) are presented in this report. Six subjects wearing these garments were placed under simulated survival conditions in a wooded area of interior Alaska near Fairbanks. Ambient air temperatures reached -30 F and were below -27 F for at least 50% of the time. On the third day air temperatures rose and remained at -10 F until the conclusion of the test. The test lasted for 72 hours. Two subjects wearing the Full Pressure Suit without additional clothing survived for 11 and 30 hours. At the end of this time they were fatigued and moderately hypothermic. Two subjects with the Full Pressure Suit plus a nine-piece down-filled survival outfit (Clothing Outfit, arctic survival) survived for 52 and 72 hours. The 52-hour survivor suffered a noncold injury which necessitated his removal. Two Subjects with the Full Pressure Suit plus an experimental ADC WalkAround Sleeping Bag survived for 72 hours each. (Author)

DESCRIPTORS: (*Flight clothing, Pressure suits), (*Pressure suits, Cold weather tests), Flight crews, High altitude, Effectiveness, Survival, Arctic regions, Simulation

IDENTIFIERS: Cold Case project

AD-462 767 CFSTI Price: PC\$6.00

SYMPOSIUM, REVIEW OF RESEARCH ON MILITARY PROBLEMS IN COLD REGIONS

Arctic Aeromedical Lab., Fort Wainwright, Alaska. (032 700)

AUTHOR: Kolb, Charles R., Holmstrom, Fritz M. G.,
0233A3 FLD: 6S, 5J, 13B USGRDR4017

Dec 64 169p

REPT NO: AAL-TDR-64-28

Prepared for presentation at the Alaskan Science Conference (15th),
American Association for the Advancement of Science, College, Alaska,
31 Aug 4 Sep 64.

ABSTRACT: Contents: A philosophy for military research and development in Alaska and other Arctic Regions; Notes on the physical environment of Alaska; Major army operational problems in cold regions; Materials engineering for cold regions and the brittle fracture; Military construction problems in Alaska; Arctic and subarctic sanitation in military field operations; Trafficability of snow and muskeg; Summary of water supply problems in Alaska; Long distance radio communications in the Polar Regions; Summary of army environmental research in Alaska; Life sciences research approach to improved military effectiveness in the Arctic; The Arctic soldier: possible research solutions for his protection; Enhancing the effectiveness of the individual in the arctic through clothing and equipment; Effect of air movement on atmospheric cooling power; Effect of Arctic isolation on human performance.

DESCRIPTORS: (*Arctic regions, Armed forces operations), (*Military personnel, Arctic regions), Symposia, Military medicine, Military psychology, Polar regions, Alaska, Construction, Materials, Brittleness, Military facilities, Sanitary engineering, Water supplies, Communication systems, Trafficability, Protective clothing, Performance(Human), Stress(Physiology), Stress(Psychology), Snow

IDENTIFIERS: Cold tolerance

AD-457 733 CFSTI Price: PC\$5.00

Some Experiments on the Friction of Fabrics on Human Skin

Royal Aircraft Establishment Farnborough (England) (310450)

Technical rept.

AUTHOR: Swallow, J. E., Webb, M.

A5202C3 FLD: 11E, 71I USGRDR7221

Mar 72 20p

REPT NO: RAE-TR-72037

MONITOR: DRIC-BR-28659

ABSTRACT: A method is described for measuring the friction of fabrics on human skin. The effects of fabric wetness, skin hairiness, operator difference, normal load and direction of fabric threads relative to the direction of pull have been investigated for six tropical overall fabrics. (Author)

DESCRIPTORS: (*Textiles, Skin), Friction, Humans, Tropical regions, Clothing, Effectiveness, Abrasives, Great Britain

AD-748 441 NTIS Prices: PC\$3.00/MF\$0.95



NTIS-PR-186
May 1976

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National Technical Information Service
U.S. DEPARTMENT OF COMMERCE
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A subject index (Starts on page h-1)

A NTIS order number list (Starts on page i-1)

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- + Title
- + Number of citations (in parentheses) in the search
- + Date of preparation or coverage of the search
- + Whether the Published Search was prepared from the Engineering Index data base. The letters Ei (in parentheses) indicate that the search is of Engineering Index.

SUBJECT CATEGORIES AND PAGE LOCATION

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		Urban Technology	g-22

SAMPLE ENTRY OF A CITATION FROM THE
NTIS DATA BASE

Title _____ Industry, Innovation and the Municipal Market

Corporate Author _____ Franklin Inst. Research Labs., Philadelphia, Pa. (142 925)

Final rept.

AUTHOR: Blair, John F. Jr.

C1872L3 FLD: 5C, 96*, 86K USGRDR 7324

15 Oct 73

103p*

Report Date _____

Pages in Report _____

REPT NO: FIRL-F-C3431

PROJECT: EDA-99-6-09281

MONITOR: EDA-73-046

Abstract or
Technical Report
Summary _____

ABSTRACT: The summary report is made on work done under the auspices of the Economic Development Administration and funded through The Experimental Technology Incentives Program (ETIP). It delineates the form and content of the policies and programs required to develop the municipal local government market into a force for technological innovation and economic development. In addition to this document, a series of eighteen background papers is on file that deals in considerable depth with the more important aspects of the study. This supplementary documentation is referenced in footnotes throughout the text of the summary volume.

Key Words _____

DESCRIPTORS: ("Industrial engineering, "Urban planning), ("Public administration, "Urban development), Procurement, Reviews, Optimization, Economic development, Industrial relations, Marketing, Productivity, Systems engineering, Local government, Policies, Recommendations, Pennsylvania

Order Number _____

COM-73-11748/3

NTIS Prices: PCS4.25/MF \$1.45

Paper
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SAMPLE ENTRY OF A CITATION FROM THE
ENGINEERING INDEX DATA BASE

Ei Accession Number

ID NO.-EI740205806

Title

405806

Author(s)

COAL GASIFICATION FOR ELECTRIC POWER GENERATION.

LEMEZIS, SYLVESTER; ARCHER, DAVID H.

WESTINGHOUSE ELECTR CORP, LESTER, PA

DESCRIPTORS-*COAL, POWER GENERATION, FUELS,

CARD ALERT - 522, 524, 6L5

CODEN-COMBAF SOURCE- COMBUSTION V 45 N 5 Nov L973 P 6-12

Author Affiliation

THIS NEW MULTIPLE FLUIDIZED-BED CONCEPT HAS THE POTENTIAL FOR OVERCOMING THE INHERENT LIMITATIONS OF OTHER GASIFICATION PROCESSES AND PROVIDING AN ECONOMIC GASIFICATION SYSTEM FOR POWER PLANTS. A WIDE VARIATION IN FUELS INCLUDING CAKING COALS AND HIGH-ASH COALS CAN BE USED WITHOUT COSTLY AND INEFFICIENT PRETREATMENT. THIS FLEXIBILITY WILL ALLOW POWER PLANTS TO UTILIZE LOCAL COAL RESOURCES AND MINIMIZE TRANSPORTATION COSTS. WHEN SCALE-UP PROCEDURES HAVE BEEN VERIFIED, A COMMERCIAL-SIZE GASIFIER PLANT WILL BE CONSTRUCTED. 2 REFS.

Abstract

Keywords

Journal Title

PUBLISHED SEARCHES BY SUBJECT CATEGORY

Administration

Construction Management (103) Apr 75
NTIS/PS-75/352/5GSB

Replacement Theory (85) Apr 75
NTIS/PS-75/405/1GSB

Linear Programming in Management (38) May 75
NTIS/PS-75/406/9GSB

PERT (123) May 75
NTIS/PS-75/439/0GSB

Productivity (142) Jul 75
NTIS/PS-75/492/9GSB

Technology Assessment (188) Jun 75
NTIS/PS-75/494/5GSB

Mathematical Models of Manpower and Personnel Management. Vol 1. 1964-1973 (172) Jun 75
NTIS/PS-75/498/6GSB

Mathematical Models of Manpower and Personnel Management. Vol 2. 1973-May 75 (97) Jun 75
NTIS/PS-75/499/4GSB

Decision Making in Management (76) Jun 75
NTIS/PS-75/500/9GSB

Management Games (180) Aug 75
NTIS/PS-75/598/3GSB

Management Information Systems (164) Jul 75 Excludes urban information systems
NTIS/PS-75/601/5GSB

All Volunteer Military Services (154) Aug 75
NTIS/PS-75/621/3GSB

Urban Information Systems. Part 1. General (69) Jul 75
NTIS/PS-75/623/9GSB

Urban Information Systems. Part 2. USAC Reports (210) Jul 75
NTIS/PS-75/624/7GSB

Inventory Control (220) 1970-Aug 75
NTIS/PS-75/631/2GSB

Job Analysis Methodology (95) Aug 75
NTIS/PS-75/675/9GSB

Participative Management (102) Sep 75
NTIS/PS-75/696/5GSB

Job Satisfaction (295) Sep 75
NTIS/PS-75/708/8GSB

Human Work Measurement (66) Oct 75 Excludes physiological effects.
NTIS/PS-75/797/1GSB

Revenue Sharing (45) Nov 75
NTIS/PS-75/840/9GSB

Production Planning and Scheduling (193) Dec 75
NTIS/PS-75/863/1GSB

Design to Cost and Life Cycle Costing (190) Dec 75
NTIS/PS-75/875/5GSB

Technology Transfer: General and Theoretical Studies (121) Jan 76
NTIS/PS-75/884/7GSB

Time Series Forecasting and Prediction (117) Jan 76 Includes studies on

hydrology, meteorology, management, and energy among others
NTIS/PS-76/0031/5GSB

The Role of Women in the Workforce (171) Feb 76
NTIS/PS-76/0103/2GSB

Career Development. Part 1. Military Careers (224) Feb 76
NTIS/PS-76/0115/6GSB

Career Development. Part 2. Civilian Careers (245) Feb 76
NTIS/PS-76/0116/4GSB

Aeronautics and Aerodynamics

Holographic Flow Visualization (53) Jan 75
NTIS/PS-75/115/6GSB

Flow Visualization (106) Jan 75 Excludes shadowgraph, schlieren, and holographic techniques
NTIS/PS-75/116/4GSB

Surface Effect Vehicles/Ships in Marine Environments (108) Jan 75
NTIS/PS-75/332/7GSB

Surface Effect Vehicles and Surface Effect: General Studies. Vol. 1. 1964-1971 (134) Jan 75 Does not include marine environments
NTIS/PS-75/333/5GSB

Surface Effect Vehicles and Surface Effect: General Studies. Vol. 2. 1972-1974 (67) Jan 75 Does not include marine environments
NTIS/PS-75/334/3GSB

Airport Noise (138) Jun 75
NTIS/PS-75/530/6GSB

Hot Wire Anemometry. Vol 1. 1964-1970 (71) Aug 75
NTIS/PS-75/662/7GSB

Hot Wire Anemometry. Vol 2. 1971-July 1975 (87) Aug 75
NTIS/PS-75/663/5GSB

Hot Film Anemometry (32) Aug 75
NTIS/PS-75/664/3GSB

Collision Avoidance Systems (198) Aug 75
NTIS/PS-75/671/8GSB

Boundary Layer Separation. Vol 1. 1966-1970 (127) Nov 75
NTIS/PS-75/814/4GSB

Boundary Layer Separation. Vol 2. 1971-Aug 75 (115) Nov 75
NTIS/PS-75/815/1GSB

Boundary Layer Transition. Vol 1. 1964-1968 (98) Nov 75
NTIS/PS-75/816/9GSB

Boundary Layer Transition. Vol 2. 1969-1971 (104) Nov 75
NTIS/PS-75/817/7GSB

Boundary Layer Transition. Vol 3. 1972-1975 (112) Nov 75
NTIS/PS-75/818/5GSB

Shear Flow. Part 1. Liquids (152) Oct 75
NTIS/PS-75/819/3GSB

Shear Flow. Part 2. Gases. Vol 1. 1964-1969 (154) Nov 75
NTIS/PS-75/820/1GSB

Shear Flow. Part 2. Gases. Vol 2. 1970-November 1975 (166) Nov 75
NTIS/PS-75/821/9GSB

Shear Flow. Part 3. General Studies (150) Nov 75 Excludes wind shear
NTIS/PS-75/822/7GSB

Flow Reattachment (86) Nov 75
NTIS/PS-75/823/5GSB

Boundary Layer Control (143) Nov 75
NTIS/PS-75/824/3GSB

Wind Shear (200) Dec 75 Excludes wind effects on structures
NTIS/PS-75/874/8GSB

Remotely Piloted Vehicles (85) Dec 75 Includes aircraft, drones, and extraterrestrial vehicles
NTIS/PS-75/876/3GSB

Cavity Flow. Vol. 1. 1964-1970 (110) Feb 76
NTIS/PS-76/0040/6GSB

Cavity Flow. Vol. 2. 1971-1975 (94) Feb 76
NTIS/PS-76/0041/4GSB

Aerospace Computer Systems. Part 1. Avionic Applications (158) Jan 76
NTIS/PS-76/0042/2GSB

Flight Simulator Training (175) Feb 76
NTIS/PS-76/0068/7GSB

Aircraft Wake Vortices (177) Feb 76
NTIS/PS-76/0072/9GSB

Aircraft Sonic Boom. Part 1. Aircraft Flight, Aircraft Design, and Measurement (119) Mar 76
NTIS/PS-76/0175/0GSB

Aircraft Sonic Boom. Part 2. Effects on Buildings (64) Mar 76
NTIS/PS-76/0176/8GSB

Aircraft Sonic Boom. Part 3. Biological Effects (66) Mar 76
NTIS/PS-76/0177/6GSB

Agriculture and Food

Fishery Law (126) Jan 75
NTIS/PS-75/111/5GSB

Aquaculture. Part 1. Fish (212) Feb 75 Excludes studies on salmon
NTIS/PS-75/304/6GSB

Aquaculture. Part 2. Shellfish (129) Feb 75
NTIS/PS-75/305/3GSB

Aquaculture. Part 3. Salmon (63) Feb 75
NTIS/PS-75/306/1GSB

GRAS(Generally Recognized as Safe)
Food Ingredients (253) April 75
NTIS/PS-75/356/6GSB

Medical Entomology. Vol. 2. 1970-1975
(192) 1970-Jan 1975
NTIS/PS-75/360/8GSB

Medical Entomology. Vol.1.1964-1969
(157) 1964-1969
NTIS/PS-75/361/6GSB

Food Packaging and Storage (187)
1970-Apr 75
NTIS/PS-75/380/6GSB

Sewage and Organic Waste Irrigation
(111) May 75
NTIS/PS-75/460/6GSB

Sport Fishing (150) Jun 75
NTIS/PS-75/468/9GSB

Food Processing Waste Treatment (167)
Jun 1975
NTIS/PS-75/484/6GSB

Synthetic Foods (39) Jun 75 Excludes
fish protein concentrates
NTIS/PS-75/493/7GSB

Animal Waste Pollution and Its Control
(117) Jun 75
NTIS/PS-75/531/4GSB

Food Processing. Vol 2. Jul 1974-Jun
1975 (95) Jul 75
NTIS/PS-75/576/9GSB

Food Processing. Vol 1. 1964-Jul 1975
(166) Jul 75
NTIS/PS-75/577/7GSB

Fertilizers (198) Jul 75 Excludes water
pollution studies
NTIS/PS-75/599/1GSB

Agricultural Resources Surveys (81)
Aug 75
NTIS/PS-75/668/4GSB

Oyster Utilization, Biology, and Growth
(205) Sep 75
NTIS/PS-75/718/7GSB

Food Taste (161) Oct 75
NTIS/PS-75/734/4GSB

Ground Water Pollution. Part 2. Pollution
From Irrigation and Fertilization
(178) Sep 75
NTIS/PS-75/740/1GSB

Fish Protein Concentrates (140) Dec 75
NTIS/PS-75/862/3GSB

Fishway Design and Operation (65) Dec
75
NTIS/PS-75/868/0GSB

Fisheries Economics. Part 1. Marketing
(113) Dec 75
NTIS/PS-75/882/1GSB

Fisheries Economics. Part 2. General
Economic Studies (220) Dec 75
NTIS/PS-75/883/9GSB

Material Shortages (136) Jan 76 In-
cludes agricultural products, metals,
minerals, and other materials except
fuels
NTIS/PS-76/0006/7GSB

Air Pollution Effects on Plants (173)
Dec 75
NTIS/PS-76/0015/8GSB

Astronomy and Astrophysics

Cosmic Rays (129) 1973-Jan 75
NTIS/PS-75/134/7GSB

Mars Environment (146) 1971-Sep 75
NTIS/PS-75/752/6GSB

Cosmology (113) Mar 76
NTIS/PS-76/0126/3GSB

Solar Eclipses (150) Mar 76
NTIS/PS-76/0131/3GSB

Quasars, Pulsars and Black Holes (205)
Mar 76
NTIS/PS-76/0134/7GSB

Atmospheric Sciences

Automobile Air Pollution. Part 6. At-
mospheric Motion (42) 1970-Dec 74
NTIS/PS-75/314/5GSB

Cloud Seeding (231) Apr 75 Includes
effects on water resources
NTIS/PS-75/395/4GSB

Atmospheric Modeling of Air Pollution
(140) May 75 Excludes stratospher-
ic studies
NTIS/PS-75/476/2GSB

Precipitation Washout (73) Jun 75 In-
cludes radioactive, pollution, and
aerosol washout studies
NTIS/PS-75/517/3GSB

Chemical Analysis of Aerosols and Air-
borne Particulates (102) Jun 75 Ex-
cludes sampling and particle size
analysis
NTIS/PS-75/527/2GSB

Nitrogen Oxide Air Pollution. Part 3. At-
mospheric Chemistry (81) Jul 75
NTIS/PS-75/609/8GSB

Atmospheric Echo Sounding (58) Aug
75
NTIS/PS-75/641/1GSB

Atmospheric Effects on Laser Beams
(227) Aug 75
NTIS/PS-75/670/0GSB

Weather Modification Effects and
Management (117) Sep 75 Ex-
cludes theory and physics of cloud
seeding and nucleation
NTIS/PS-75/722/9GSB

Fog Dispersal (177) Oct 75
NTIS/PS-75/750/0GSB

Clear Air Turbulence (232) Oct 75
NTIS/PS-75/761/7GSB

Ice Fog (45) Oct 75
NTIS/PS-75/770/8GSB

Paleoclimatology (66) Nov 75
NTIS/PS-75/851/6GSB

Wind Effects. Part 1. Buildings and
Bridges (83) Dec 75
NTIS/PS-75/870/6GSB

Wind Effects. Part 2. General Structures
(67) Dec 75 Excludes buildings and
bridges
NTIS/PS-75/871/4GSB

Wind Shear (200) Dec 75 Excludes
wind effects on structures
NTIS/PS-75/874/8GSB

Hurricanes: Forecasting, Modification,
and Research (211) Jan 76
NTIS/PS-76/0027/3GSB

The Chemistry and Physics of Ozone in
the Stratosphere (142) Jan 76
NTIS/PS-76/0029/9GSB

Ice and Fog: Detection and Warning
Systems (91) Feb 76
NTIS/PS-76/0096/8GSB

Solar Eclipses (150) Mar 76
NTIS/PS-76/0131/3GSB

Air Pollution Tracer Studies in the
Lower Atmosphere (55) Mar 76
NTIS/PS-76/0144/6GSB

Behavior and Society

Probation and Parole (55) Jan 75
NTIS/PS-75/145/3GSB

Drug Abuse (113) Jan 75
NTIS/PS-75/147/9GSB

Attitudes, Opinions, and Motivations
among Adolescents (186) Feb 75
NTIS/PS-75/232/9GSB

Migrant Workers (38) Jan 75
NTIS/PS-75/240/2GSB

Forensic Medicine (39) Jan 75
NTIS/PS-75/245/1GSB

Social Change (147) Feb 75
NTIS/PS-75/266/7GSB

Human Aggression (41) Feb 75
NTIS/PS-75/281/6GSB

Labor Relations (169) Feb 75 Excludes
job satisfaction, bargaining, and
productivity
NTIS/PS-75/290/7GSB

Human Memory (130) Feb 75
NTIS/PS-75/297/2GSB

Work Attitudes in the Military (98) Feb
75
NTIS/PS-75/298/0GSB

Work Attitudes in the Civilian Sector
(178) Feb 75
NTIS/PS-75/300/4GSB

Population Mobility (127) Feb 75
NTIS/PS-75/323/6GSB

Simulators in Education and Training
(99) Feb 75
NTIS/PS-75/335/0GSB

Adult Education (98) Feb 75
NTIS/PS-75/358/2GSB

Public Opinion and Sociology of Water
Resource Development (82) 1970-
Apr 75
NTIS/PS-75/373/1GSB

Arms Control (234) Apr 75
NTIS/PS-75/393/9GSB

Crimes and Crime Prevention (134) May
75
NTIS/PS-75/425/9GSB

Blindness (113) May 75
NTIS/PS-75/427/5GSB

Police (200) Jun 75
NTIS/PS-75/443/2GSB

Drinking Drivers (91) Jun 75
NTIS/PS-75/505/8GSB

Alcoholism (95) Jun 75 Excludes drink-
ing drivers
NTIS/PS-75/506/6GSB

The Elderly (174) Jun 75
NTIS/PS-75/548/8GSB

Computer Aided Instruction. Vol 2. 1974-
May 1975 (75) Jul 75
NTIS/PS-75/556/1GSB

- Computer Aided Instruction. Vol 1. 1970-1974 (217) Jul 75
NTIS/PS-75/557/9GSB
- Water Rights and Water Law. Vol 2. 1974-1975 (99) July 75
NTIS/PS-75/558/7GSB
- Water Rights and Water Law. Vol 1. 1964-1973 (122) July 75
NTIS/PS-75/559/5GSB
- Wages, Salaries, Earnings. Vol 2. 1974-May 1975 (64) Jul 75
NTIS/PS-75/567/8GSB
- Wages, Salaries, and Earnings. Vol 1. 1964-1973 (168) Jul 75
NTIS/PS-75/568/6GSB
- Quality of Life in the Urban Environment (166) 1970-Jun 75
NTIS/PS-75/570/2GSB
- Insurance. Part 1. General, Life, and Unemployment Insurance (83) Jul 75 Excludes health and hospitalization insurance
NTIS/PS-75/604/9GSB
- Insurance. Part 2. Automobile and Other Transportation Insurance (55) Jul 75
NTIS/PS-75/605/6GSB
- Insurance. Part 3. Property, Housing, and Disaster Insurance (70) Jul 75
NTIS/PS-75/606/4GSB
- Motor Vehicle Operator Behavior (119) Aug 75 Excludes studies on the effects of stress, alcohol, and vision characteristics
NTIS/PS-75/619/7GSB
- Driver Performance under Abnormal Conditions. Physical Impairment, Drugs, Gases (43) Aug 75 Excludes alcohol effects
NTIS/PS-75/620/5GSB
- Juvenile Delinquency (195) Aug 75
NTIS/PS-75/626/2GSB
- Youth Programs (142) Sep 75
NTIS/PS-75/650/2GSB
- The Use of Mass Media by Local and Regional Governments (77) Aug 75
NTIS/PS-75/653/6GSB
- Housing (211) 1970-Aug 75
NTIS/PS-75/654/4GSB
- Speech Intelligibility (185) Aug 75
NTIS/PS-75/669/2GSB
- Population Projections for Small Areas (95) Sep 75
NTIS/PS-75/682/5GSB
- Audiovisual Education (132) Sep 75
NTIS/PS-75/685/8GSB
- Crime Prevention and Enforcement Through Community Relations (88) Sep 75
NTIS/PS-75/695/7GSB
- Civil Insurgency (97) Sep 75
NTIS/PS-75/700/5GSB
- American Indians (140) Sep 75
NTIS/PS-75/703/9GSB
- Job Satisfaction (295) Sep 75
NTIS/PS-75/708/8GSB
- Rehabilitation of Criminal and Public Offenders (134) Oct 75
NTIS/PS-75/711/2GSB
- Ocean Law (163) Sep 75
NTIS/PS-75/712/0GSB
- Family Counseling (54) Oct 75
NTIS/PS-75/720/3GSB
- Ghetto Sociodynamics (70) Sep 75
NTIS/PS-75/721/1GSB
- Riots and Riot Control (127) Sep 75
NTIS/PS-75/730/2GSB
- Crime and Law Enforcement in Transportation Systems (48) Sep 75
NTIS/PS-75/732/8GSB
- Psycholinguistics (67) Oct 75
NTIS/PS-75/747/6GSB
- Volunteers in Social and Community Affairs (51) Oct 75
NTIS/PS-75/754/2GSB
- Behavior and Psychology as Related to Law Enforcement (160) Oct 75
NTIS/PS-75/758/3GSB
- Computational Linguistics (134) Oct 75
NTIS/PS-75/759/1GSB
- Venereal Diseases (54) Aug 75
NTIS/PS-75/777/3GSB
- Human Work Measurement (66) Oct 75 Excludes physiological effects.
NTIS/PS-75/797/1GSB
- Intrusion and Weapon Detection: Crime Prevention (77) Nov 75 Divided into two parts- civil development and military development with civil possibilities
NTIS/PS-75/809/4GSB
- Industrial Psychology (177) Nov 75
NTIS/PS-75/839/1GSB
- Negroes in the U.S.-Social, Industrial, and Behavioral Interactions. Vol 1. 1965-1972 (122) Nov 75
NTIS/PS-75/842/5GSB
- Negroes in the U.S.-Social, Industrial, and Behavioral Interactions. Vol 2. 1973-Sep 75 (99) Nov 75
NTIS/PS-75/843/3GSB
- Information Processing in Humans. Vol 1. 1964-1973 (209) Dec 73
NTIS/PS-75/857/3GSB
- Information Processing in Humans. Vol 2. 1974-Nov 75 (89) Nov 75
NTIS/PS-75/858/1GSB
- Archaeology: Site Studies, Activation Analysis, Preservation, and Remote Sensing (114) Dec 75
NTIS/PS-75/859/9GSB
- Natural Language Processing (199) Dec 75
NTIS/PS-75/864/9GSB
- Health Manpower (126) Nov 75 Excludes allied health personnel
NTIS/PS-75/866/4GSB
- Contraceptives and Birth Control (51) Dec 75
NTIS/PS-75/880/5GSB
- Social Indicators (50) Jan 76
NTIS/PS-76/0004/2GSB
- Behavior and Physiological Effects of Noise. Vol 1. 1964-1972 (199) 1964-Oct 72
NTIS/PS-76/0013/3GSB
- Behavior and Physiological Effects of Noise. Vol 2. 1972-1975 (119) 1972-Dec 75
NTIS/PS-76/0014/1GSB
- Individualized Instruction (32) Jan 76
NTIS/PS-76/0017/4GSB
- Rehabilitation of the Physically Handicapped (179) Jan 76
NTIS/PS-76/0028/1GSB
- Historical Background Studies of the National Park Service (193) Feb 76
NTIS/PS-76/0061/2GSB
- Rehabilitation of the Mentally Retarded (125) Feb 76
NTIS/PS-76/0067/9GSB
- Flight Simulator Training (175) Feb 76
NTIS/PS-76/0068/7GSB
- Intelligence Testing (143) Feb 76
NTIS/PS-76/0076/0GSB
- Effects of Fatigue on Human Behavior and Performance (121) Jan 76
NTIS/PS-76/0095/0GSB
- Student Teacher Interaction (79) Feb 76
NTIS/PS-76/0105/7GSB
- Driver Education (124) Mar 76
NTIS/PS-76/0113/1GSB
- Career Development. Part 1. Military Careers (224) Feb 76
NTIS/PS-76/0115/6GSB
- Career Development. Part 2. Civilian Careers (245) Feb 76
NTIS/PS-76/0116/4GSB
- Outdoor Recreation (155) Mar 76 Excludes studies primarily on boating and sport fishing
NTIS/PS-76/0138/8GSB
- Public Attitudes Toward Highways and Highway Transportation (93) Mar 76
NTIS/PS-76/0153/7GSB
- Deterrence and Detente (107) Mar 76
NTIS/PS-76/0178/4GSB

Biomedical Technology and Engineering

- Radiology (102) 1967-Jan 75
NTIS/PS-75/173/5GSB
- Ultrasonics in Medicine (39) Jan 75
NTIS/PS-75/175/0GSB
- Nuclear Medicine (218) Jan 75
NTIS/PS-75/213/9GSB
- Ambulatory Health Care (74) Feb 75
NTIS/PS-75/341/8GSB
- Electromagnetic Shielding. Vol 1. 1964-1971 (162) Apr 75
NTIS/PS-75/366/5GSB
- Electromagnetic Shielding. Vol 2. 1972-1975 (78) Apr 75
NTIS/PS-75/367/3GSB
- Bionics (53) May 75
NTIS/PS-75/396/2GSB
- Artificial Intelligence (80) May 75
NTIS/PS-75/397/0GSB
- Artificial Kidneys (182) 1968-Apr 75
NTIS/PS-75/418/4GSB
- Health Care Delivery (137) May 75
NTIS/PS-75/419/2GSB

Mechanical Hearts. Vol. 1. 1969-1973.
 (173) May 75
NTIS/PS-75/423/4GSB

Mechanical Hearts. Vol. 2. 1974-1975.
 (77) May 75
NTIS/PS-75/424/2GSB

Blindness (113) May 75
NTIS/PS-75/427/5GSB

Artificial Limbs (115) 1968-May 75
NTIS/PS-75/438/2GSB

Biocompatible Materials. Vol. 1. 1964-1973 (147) 1964-1973
NTIS/PS-75/487/9GSB

Biocompatible Materials. Vol. 2. 1974-June 1975 (96) 1974-Jun 75
NTIS/PS-75/488/7GSB

Preventive Medicine (107) Jun 75
NTIS/PS-75/502/5GSB

Computer Technology in Medicine (192) 1972-Jun 7
NTIS/PS-75/507/4GSB

Cryobiology (106) Jun-75
NTIS/PS-75/508/2GSB

Health Services in Rural Areas (87) Jun 75
NTIS/PS-75/532/2GSB

Telecommunications in Medicine (36) Jul 75
NTIS/PS-75/580/1GSB

Anthropometry (203) Aug 75
NTIS/PS-75/629/6GSB

The Use of Mass Media by Local and Regional Governments (77) Aug 75
NTIS/PS-75/653/6GSB

Robots (103) Sep 75
NTIS/PS-75/731/0GSB

Underwater Breathing Apparatus (147) Oct 75
NTIS/PS-75/774/0GSB

Blood Preservation and Storage. Vol. 1. 1964-1973 (169) Oct 75
NTIS/PS-75/778/1GSB

Blood Preservation and Storage. Vol. 2. 1974-1975 (52) Oct 75
NTIS/PS-75/779/9GSB

Medicare and Medicaid Programs--Utilization and Evaluation (88) Oct 75
NTIS/PS-75/780/7GSB

Signs and Display Systems: Graphic Design and Human Engineering (107) Nov 75 Signs and Display Systems: Graphic Design and Human Engineering
NTIS/PS-75/791/4GSB

Biotelemetry (155) Nov 75
NTIS/PS-75/855/7GSB

Health Manpower (126) Nov 75 Excludes allied health personnel
NTIS/PS-75/866/4GSB

Color Vision Jan 76
NTIS/PS-76/0059/6GSB

Night Vision and Dark Adaptation (98) Feb 76
NTIS/PS-76/0133/9GSB

Building Technology

Structural Foundations in Soils, Ice, Snow, and Permafrost. Vol. 1. 1964-1971 (135) Jan 75 Excludes subway and seabed construction
NTIS/PS-75/282/4GSB

Structural Foundations in Soils, Ice, Snow, and Permafrost. Vol. 2. 1972-1974 (57) Jan 75 Excludes subway and seabed construction
NTIS/PS-75/283/2GSB

Construction Management (103) Apr 75
NTIS/PS-75/352/5GSB

Architectural Construction Materials. Part 1. Non Concrete (189) May 75 Excludes concretes, bridges, pavements, airfields, cold weather construction, composites, and earthquake resistant construction
NTIS/PS-75/389/7GSB

Architectural Construction Materials. Part 2. Concrete and Cement (127) May 75 Excludes non-concretes, bridges, pavements, airfields, cold weather construction, composites, and earthquake resistant construction
NTIS/PS-75/390/5GSB

Construction Equipment (174) May 75 Excludes translations
NTIS/PS-75/391/3GSB

Cold Weather Construction (99) May 75 Excludes permafrost construction
NTIS/PS-75/394/7GSB

Structural Mechanics Software (185) May 75
NTIS/PS-75/428/3GSB

Stress Crack Phenomena (186) Jun 75 Excludes rock mechanics and mathematical analysis
NTIS/PS-75/465/5GSB

Mathematical Analysis of Stress Cracks. Vol 1. 1964-1973 (207) June 75
NTIS/PS-75/466/3GSB

Mathematical Analysis of Stress Cracks. Vol 2. 1974-May 75 (109) June 75
NTIS/PS-75/467/1GSB

Concrete Polymer Composites (90) Jun 75
NTIS/PS-75/475/4GSB

Finite Elements in Structural Analysis (70) Jun 75
NTIS/PS-75/496/0GSB

Industrialized Housing (183) Jul 75
NTIS/PS-75/571/0GSB

Earthquake Engineering: Buildings, Bridges, Dams and Related Structures. Vol 1. (172) 1964-1973
NTIS/PS-75/632/0GSB

Earthquake Engineering: Buildings, Bridges, Dams, and Related Structures. Vol.2. (127) 1974-Jul 75
NTIS/PS-75/633/8GSB

Building Fires (137) Sep 75
NTIS/PS-75/652/8GSB

Solar Space Heating and Air Conditioning (123) Sep 75
NTIS/PS-75/689/0GSB

Fire Alarms and Fire Detectors (120) Oct 75
NTIS/PS-75/793/0GSB

Pine Wood (65) Oct 75 Covers pine wood products, uses, and properties
NTIS/PS-75/798/9GSB

Wood Bonding (99) Dec 75
NTIS/PS-75/861/5GSB

Wind Effects. Part 1. Buildings and Bridges (83) Dec 75
NTIS/PS-75/870/6GSB

Wind Effects. Part 2. General Structures (67) Dec 75 Excludes buildings and bridges
NTIS/PS-75/871/4GSB

Prestressed Concrete Technology (181) Feb 76
NTIS/PS-76/0098/4GSB

Particle Boards and Fiberboards: Fabrication, Use, and Properties (115) Feb 76
NTIS/PS-76/0157/8GSB

Particle Boards: Fabrication, Use, and Properties. (154) Mar 76 (E1)
NTIS/PS-76/0158/6GSB

Fiberboards: Fabrication, Use, and Properties. Vol. 1. 1970-1974 (223) Mar 76 (E1)
NTIS/PS-76/0159/4GSB

Fiberboards: Fabrication, Use, and Properties. Vol. 2. 1975-Jan 1976 (121) Mar 76 (E1)
NTIS/PS-76/0160/2GSB

Aircraft Sonic Boom. Part 2. Effects on Buildings (64) Mar 76
NTIS/PS-76/0176/8GSB

Business and Economics

Urban Financing and Taxation (95) Jan 75 Excludes financing of transportation and pollution control
NTIS/PS-75/199/0GSB

Financing Urban Transportation. Part 1. General Studies (65) 1970-Jan 75
NTIS/PS-75/200/6GSB

Financing Urban Transportation. Part 2. Local Studies (95) 1970-Jan 75
NTIS/PS-75/201/4GSB

Financing and Taxation For Urban Control of Pollution (111) Jan 75
NTIS/PS-75/202/2GSB

Housing Taxation and Financing by the Federal, State, and Local Governments (87) Jan 75
NTIS/PS-75/203/0GSB

Labor Relations (169) Feb 75 Excludes job satisfaction, bargaining, and productivity
NTIS/PS-75/290/7GSB

Telecommunications--Economic Studies (66) May 75
NTIS/PS-75/400/2GSB

Economic Models. Vol 1. 1964-Apr 1974 (161) May 75
NTIS/PS-75/407/7GSB

Economic Models. Vol 2. Apr 1974-Apr 1975 (140) May 75
NTIS/PS-75/408/5GSB

Consumer Products and Consumer Affairs (41) May 75
NTIS/PS-75/409/3GSB

Noise Pollution Economics (27) Jun 75
NTIS/PS-75/534/8GSB

- Air Pollution Economics (240) Jun 75
NTIS/PS-75/535/5GSB
- Solid Waste Disposal Economics (101) Jun 75
NTIS/PS-75/536/3GSB
- Water Pollution Economics (280) Jun 75 Excludes sewage treatment
NTIS/PS-75/537/1GSB
- Wages, Salaries, Earnings. Vol 2. 1974-May 1975 (64) Jul 75
NTIS/PS-75/567/8GSB
- Wages, Salaries, and Earnings. Vol 1. 1964-1973 (168) Jul 75
NTIS/PS-75/568/6GSB
- Insurance. Part 1. General, Life, and Unemployment Insurance (83) Jul 75 Excludes health and hospitalization insurance
NTIS/PS-75/604/9GSB
- Insurance. Part 2. Automobile and Other Transportation Insurance (55) Jul 75
NTIS/PS-75/605/6GSB
- Insurance. Part 3. Property, Housing, and Disaster Insurance (70) Jul 75
NTIS/PS-75/606/4GSB
- Effects of Inflation (70) Aug 75
NTIS/PS-75/637/9GSB
- Development of Forest Industries (109) Nov 75
NTIS/PS-75/827/6GSB
- Revenue Sharing (45) Nov 75
NTIS/PS-75/840/9GSB
- Minority Business (89) Nov 75 Excludes regional and socioeconomic studies
NTIS/PS-75/845/8GSB
- Economic Development of Ethnic Minorities (122) Dec 75
NTIS/PS-75/853/2GSB
- Federal Individual Income Tax Return Data by ZIP Code Dec 75
NTIS/PS-75/867/2GSB
- Fisheries Economics. Part 1. Marketing (113) Dec 75
NTIS/PS-75/882/1GSB
- Fisheries Economics. Part 2. General Economic Studies (220) Dec 75
NTIS/PS-75/883/9GSB
- Material Shortages (136) Jan 76 Includes agricultural products, metals, minerals, and other materials except fuels
NTIS/PS-76/0006/7GSB
- Federal Trade Commission Advertising Substantiation Program (212) Jan 76
NTIS/PS-76/0030/7GSB
- ## Chemistry
- Gas Scrubbers (156) Dec 74
NTIS/PS-75/163/6GSB
- Mercury Pollution (113) Dec 74 Excludes toxicity and pollution effects
NTIS/PS-75/209/7GSB
- Hazardous Material Waste Disposal (92) Dec 74 Excludes radioactive wastes
NTIS/PS-75/285/7GSB
- Hazardous Materials Transportation (126) Dec 74 Excludes radioactive wastes
NTIS/PS-75/286/5GSB
- Chemical Analysis of Steels (110) Feb 75
NTIS/PS-75/289/9GSB
- Automobile Air Pollution. Part 2. Exhaust Analysis (33) 1970-Dec 74
NTIS/PS-75/310/3GSB
- Polytetrafluoroethylene (Teflon) (118) Apr 75
NTIS/PS-75/353/3GSB
- Polywater (34) Apr 75
NTIS/PS-75/359/0GSB
- Desulfurization of Coal and Petroleum (107) Apr 75 Excludes flue gas and other post-combustion sulfur control
NTIS/PS-75/381/4GSB
- Coal Gasification and Liquefaction. Vol 1. 1964-1973 (161) May 75
NTIS/PS-75/385/5GSB
- Coal Gasification and Liquefaction. Vol 2. 1974-1975 (90) May 75
NTIS/PS-75/386/3GSB
- Light Detection and Ranging(LIDAR) (191) May 75
NTIS/PS-75/402/8GSB
- Sulfur Dioxide Control. Vol 2. 1973-May 1975 (94) May 75 Excludes fuel desulfurization
NTIS/PS-75/455/6GSB
- Sulfur Dioxide Control. Vol 1. 1964-1972 (159) May 75
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- Activated Carbon (221) May 75 Includes activated carbon treatment of sewage
NTIS/PS-75/461/4GSB
- Chemical Vapor Deposition (211) May 75
NTIS/PS-75/477/0GSB
- Drag Reducing Fluids (158) 1969-Jun 75
NTIS/PS-75/497/8GSB
- Chemical Analysis of Aerosols and Air-borne Particulates (102) Jun 75 Excludes sampling and particle size analysis
NTIS/PS-75/527/2GSB
- Air Quality Monitoring (181) Jun 75
NTIS/PS-75/529/8GSB
- Waste Processing and Pollution in the Chemical and Petrochemical Industries (212) Jun 75
NTIS/PS-75/541/3GSB
- Polycarbonates (72) Jun 75
NTIS/PS-75/554/6GSB
- Heat Resistant Plastics. Part 1. Nitrogen Containing Polymers (157) Jul 75
NTIS/PS-75/560/3GSB
- Heat Resistant Plastics. Part 2. Silicone, Borane, Halocarbon, and Other Polymers (170) Jul 75
NTIS/PS-75/561/1GSB
- Polycarbonates (100) Jul 75
NTIS/PS-75/569/4GSB
- Waste Treatment by Reverse Osmosis and Membrane Processes (117) Jul 75 Excludes desalination of natural waters
NTIS/PS-75/574/4GSB
- X Ray Fluorescence Analysis (223) Jul 75
NTIS/PS-75/584/3GSB
- Electrostatic Precipitators for Air Pollution Control (88) Jul 75
NTIS/PS-75/587/6GSB
- Liquid Crystals (202) Jul 75
NTIS/PS-75/591/8GSB
- Oil Pollution Detection and Sensing (176) Jul 75
NTIS/PS-75/595/9GSB
- Carborane Chemistry (194) Jul 75 Excludes polycarboranes
NTIS/PS-75/597/5GSB
- Nitrogen Oxide Air Pollution. Part 1. Control Technology (191) Jul 75
NTIS/PS-75/607/2GSB
- Nitrogen Oxide Air Pollution. Part 2. Detection and Analysis (137) Jul 75
NTIS/PS-75/608/0GSB
- Nitrogen Oxide Air Pollution. Part 3. Atmospheric Chemistry (81) Jul 75
NTIS/PS-75/609/8GSB
- Carbon and Graphite. Part 4. Graphite--Chemical Studies (124) Jul 75
NTIS/PS-75/616/3GSB
- Ion Selective Electrodes (66) Aug 75
NTIS/PS-75/622/1GSB
- Electrochemical Methods of Chemical Analysis (197) Aug 75 Excludes ion selective electrodes
NTIS/PS-75/627/0GSB
- Electrochemical Reactions at Surfaces (159) Aug 75
NTIS/PS-75/644/5GSB
- Fly Ash (171) Aug 75
NTIS/PS-75/646/0GSB
- Standard Reference Materials (141) Aug 75
NTIS/PS-75/667/6GSB
- Lubricating Oil Analysis for Wear Monitoring (53) Sep 75
NTIS/PS-75/688/2GSB
- Combustion of Plastics and Elastomers (80) Sep 75
NTIS/PS-75/728/6GSB
- The Synthesis and Properties of Polyurethane Resins. Vol 2. 1964-1972 (143) Oct 75 Excludes polyurethane foams
NTIS/PS-75/744/3GSB
- The Synthesis and Properties of Polyurethane Resins. Vol 1. 1973-Sep 1975 (81) Oct 75 Excludes polyurethane foams
NTIS/PS-75/745/0GSB
- Fire Resistance of Fibers and Textiles (170) Oct 75 Includes fiber preparation and additives, standards, textile burning studies, and consumer aspects
NTIS/PS-75/757/5GSB
- Detection and Sampling of Combustion Products in Flue Gases (97) Nov 75
NTIS/PS-75/828/4GSB

- Chemical and Biological Warfare. Part 1. Detection and Warning Systems (87) Nov 75
NTIS/PS-75/832/6GSB
- Archaeology: Site Studies, Activation Analysis, Preservation, and Remote Sensing (114) Dec 75
NTIS/PS-75/859/9GSB
- Electrodialysis Desalination (117) Jan 76
NTIS/PS-76/0011/7GSB
- Electrodialysis Desalination (64) Jan 76 (E)
NTIS/PS-76/0012/5GSB
- The Chemistry and Physics of Ozone in the Stratosphere (142) Jan 76
NTIS/PS-76/0029/9GSB
- Water Pollution Analysis and Detection. Vol 1. 1970-June 1974 (145) Jan 76 Excludes oil spill detection and analysis
NTIS/PS-76/0037/2GSB
- Water Pollution Analysis and Detection. Vol 2. July 1974-January 1976 (101) Jan 76 Excludes oil spill detection and analysis
NTIS/PS-76/0038/0GSB
- Gas Scrubbers Used in Pollution Control (216) Jan 76
NTIS/PS-76/0050/5GSB
- Gas Scrubbers Used in Pollution Control. Vol 1. 1970-1973 (164) Jan 76 (E)
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- Gas Scrubbers Used in Pollution Control. Vol 2. 1974-1975 (136) Jan 76 (E)
NTIS/PS-76/0052/1GSB
- The Chemistry of Silicone Resins (152) Jan 76
NTIS/PS-76/0057/0GSB
- Osmotic Desalting Membranes. Vol 1. 1964-1972 (120) Feb 76
NTIS/PS-76/0083/6GSB
- Osmotic Desalting Membranes. Vol 2. 1973-February 1976 (129) Feb 76
NTIS/PS-76/0084/4GSB
- Osmotic Desalting Membranes. Vol 1. 1970-1973 (143) Feb 76 (E)
NTIS/PS-76/0085/1GSB
- Osmotic Desalting Membranes. Vol 2. 1974-1975 (116) Feb 76 (E)
NTIS/PS-76/0086/9GSB
- Laser Raman Spectroscopy (90) 1970-Feb 76
NTIS/PS-76/0099/2GSB
- Laser Spectroscopy. Vol 1. 1970-1974 (126) Feb 76 Excludes Raman spectroscopy
NTIS/PS-76/0100/8GSB
- Laser Spectroscopy. Vol 2. 1975-February 1976 (123) Feb 76 Excludes Raman spectroscopy
NTIS/PS-76/0101/6GSB
- Acrylic Resins. Part 1. Acrylonitrile Polymers (86) Mar 76 Covers fabrication, polymerization, and properties
NTIS/PS-76/0147/9GSB
- Acrylic Resins. Part 1. Acrylonitrile Polymers--1975 (115) Mar 76 (E)
NTIS/PS-76/0148/7GSB
- Acrylic Resins. Part 2. Methacrylate Polymers Mar 76 Covers fabrication, polymerization, and properties
NTIS/PS-76/0149/5GSB
- Acrylic Resins. Part 2. Methacrylate Polymers--1975 (177) Mar 76 (E)
NTIS/PS-76/0150/3GSB
- Acrylic Resins. Part 3. Acrylates, Acrylamides, and General Studies (138) Mar 76 Covers fabrication, polymerization, and properties
NTIS/PS-76/0151/1GSB
- Acrylic Resins. Part 3. Acrylates, Acrylamides, and General Studies (153) Mar 76 (E)
NTIS/PS-76/0152/9GSB
- Fluidized Bed Combustion (138) Mar 76
NTIS/PS-76/0161/0GSB
- Fluidized Bed Combustion (136) Mar 76 (E)
NTIS/PS-76/0162/8GSB
- Corrosion in Desalination Plants (158) Mar 76
NTIS/PS-76/0173/5GSB
- Corrosion in Desalination Plants (117) Mar 76 (E)
NTIS/PS-76/0174/3GSB
- Civil and Structural Engineering**
- Foundations in Marine Environments (64) Dec 74
NTIS/PS-75/255/0GSB
- Structural Foundations in Soils, Ice, Snow, and Permafrost. Vol. 1. 1964-1971 (135) Jan 75 Excludes subway and seabed construction
NTIS/PS-75/282/4GSB
- Structural Foundations in Soils, Ice, Snow, and Permafrost. Vol. 2. 1972-1974 (57) Jan 75 Excludes subway and seabed construction
NTIS/PS-75/283/2GSB
- Construction Management (103) Apr 75
NTIS/PS-75/352/5GSB
- Soil Compaction/Consolidation (181) Apr 75
NTIS/PS-75/365/7GSB
- Electromagnetic Shielding. Vol 1. 1964-1971 (162) Apr 75
NTIS/PS-75/366/5GSB
- Electromagnetic Shielding. Vol 2. 1972-1975 (78) Apr 75
NTIS/PS-75/367/3GSB
- Architectural Construction Materials. Part 1. Non Concrete (189) May 75 Excludes concretes, bridges, pavements, airfields, cold weather construction, composites, and earthquake resistant construction
NTIS/PS-75/389/7GSB
- Architectural Construction Materials. Part 2. Concrete and Cement (127) May 75 Excludes non-concretes, bridges, pavements, airfields, cold weather construction, composites, and earthquake resistant construction
NTIS/PS-75/390/5GSB
- Construction Equipment (174) May 75 Excludes translations
NTIS/PS-75/391/3GSB
- Cold Weather Construction (99) May 75 Excludes permafrost construction
NTIS/PS-75/394/7GSB
- Mathematical Analysis of Stress Cracks. Vol 1. 1964-1973 (207) June 75
NTIS/PS-75/466/3GSB
- Mathematical Analysis of Stress Cracks. Vol 2. 1974-May 75 (109) June 75
NTIS/PS-75/467/1GSB
- Erosion Control (138) May 75 Excludes soil stabilization
NTIS/PS-75/469/7GSB
- Soil Stabilization (167) May 75 Excludes erosion control
NTIS/PS-75/470/5GSB
- Concrete Polymer Composites (90) Jun 75
NTIS/PS-75/475/4GSB
- Airfield Pavements. Vol 1. 1964-1970 (159) Jun 75
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- Airfield Pavements. Vol 2. 1971-1972 (123) Jun 75
NTIS/PS-75/519/9GSB
- Airfield Pavements. Vol 3. 1973-1975 (111) Jun 75
NTIS/PS-75/520/7GSB
- Tunnel Construction (180) Jul 75
NTIS/PS-75/550/4GSB
- Flood Control (258) 1972-Jun 75
NTIS/PS-75/552/0GSB
- Breakwaters (186) Jun 75
NTIS/PS-75/553/8GSB
- Earthquake Engineering: Buildings, Bridges, Dams and Related Structures. Vol 1. (172) 1964-1973
NTIS/PS-75/632/0GSB
- Earthquake Engineering: Buildings, Bridges, Dams, and Related Structures. Vol 2. (127) 1974-Jul 75
NTIS/PS-75/633/8GSB
- Flexible Highway Pavements. Vol 1. 1964-1969 (245) Aug 75 Excludes bridge decks, landing fields and concrete pavements
NTIS/PS-75/672/6GSB
- Flexible Highway Pavements. Vol 2. 1970-1974 (299) Aug 75 Excludes bridge decks, landing fields and concrete pavements
NTIS/PS-75/673/4GSB
- Flexible Highway Pavements. Vol 3. 1975 (41) Aug 75 Excludes bridge decks, landing fields and concrete pavements
NTIS/PS-75/674/2GSB
- Concrete(Rigid) Highway Pavements. Vol 1. 1964-1970 (204) Aug 75 Excludes bridge decks, landing fields and flexible pavements
NTIS/PS-75/677/5GSB
- Concrete(Rigid) Highway Pavements. Vol 2. 1971-1973 (131) Aug 75 Excludes bridge decks, landing fields and flexible pavements
NTIS/PS-75/678/3GSB
- Concrete(Rigid) Highway Pavements. Vol 3. 1974-July 1975 (61) Aug 75 Excludes bridge decks, landing fields and flexible pavements
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NTIS/PS-75/755/9GSB
 Expansion Joints (65) Oct 75 Primarily covers highway and bridge expansion joints
NTIS/PS-75/795/5GSB
 Snow Removal and Deicing Techniques for Roads and Runways (117) Nov 75
NTIS/PS-75/829/2GSB
 Wind Effects. Part 1. Buildings and Bridges (83) Dec 75
NTIS/PS-75/870/6GSB
 Wind Effects. Part 2. General Structures (67) Dec 75 Excludes buildings and bridges
NTIS/PS-75/871/4GSB
 Bridges: Construction and Construction Materials (223) Dec 75
NTIS/PS-75/888/8GSB
 Highway Beautification (58) Jan 76
NTIS/PS-76/0009/1GSB
 Nondestructive Testing of Pavements and Pavement Bases (80) Jan 76
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 Permafrost. Part 1. General Studies (113) Feb 76
NTIS/PS-76/0069/5GSB
 Permafrost. Part 2. Structural Engineering (188) Feb 76
NTIS/PS-76/0070/3GSB
 Permafrost Engineering (171) Feb 76 (E)
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 Prestressed Concrete Technology (181) Feb 76
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Acoustic Surface Waves. Vol. 1. 1964-1972 (75) Jan 75
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 Acoustic Surface Waves. Vol. 2. 1973-1974 (137) Jan 75
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 Microwave Communication (163) Jan 75.
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 Antenna Arrays. Vol 2. 1972-1974 (93) Feb 75 Excludes phased arrays
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 Antenna Arrays. Vol 1. 1964-1971 (219) Feb 75 Excludes phased arrays
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 Phased Arrays. Vol 1. 1964-1971 (141) Feb 75
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 Phased Arrays. Vol 2. 1972-1974 (103) Feb 75
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 Electromagnetic Shielding. Vol 1. 1964-1971 (162) Apr 75
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 Electromagnetic Shielding. Vol 2. 1972-1975 (78) Apr 75
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 Walsh Functions (55) Apr 75
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NTIS/PS-75/398/8GSB
 Telecommunications--Economic Studies (66) May 75
NTIS/PS-75/400/2GSB
 Cable Television (75) Apr 75
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 Light Communication Systems (151) Apr 75
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 Fiber Optics (147) 1969-May 75
NTIS/PS-75/420/0GSB
 Microforms. Vol 1. 1964-1973 (187) Jun 75
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 Microforms. Vol 2. 1973-Apr 75 (74) Jun 75
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 Single Sideband Communications (86) Apr 75
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 Tropospheric Scatter Communications (98) Apr 75
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NTIS/PS-75/524/9GSB
 Land Mobile Communications (51) Jun 75
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 Portable Radio Equipment (65) Jun 75
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 Mine Safety. Part 2. Communication and Position Finding Systems (53) June 1975
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 Telecommunications in Medicine (36) Jul 75
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 Applications of the Fast Fourier Transform (181) Aug 75
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 Atmospheric Effects on Laser Beams (227) Aug 75
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 Vocoders (90) Aug 75
NTIS/PS-75/680/9GSB
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NTIS/PS-75/694/0GSB
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 Signs and Display Systems: Graphic Design and Human Engineering (107) Nov 75 Signs and Display Systems: Graphic Design and Human Engineering
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 Data Compression (120) Dec 75
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 Shift Registers (79) Dec 75
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 Optical Character Recognition (115) Dec 75
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 Impacts and Studies of the Extremely Low Frequency Communication System, Sanguine (106) Jan 76 Includes environmental and biological effects of this global communications system
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 Television Systems (114) 1970-Jan 76 Excludes research on closed circuit television
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 Frequency Allocation and Management (147) Jan 76
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 Semiconductor Computer Storage (89) Jan 75
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 Closed Loop Control Systems (156) April 75
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 Artificial Intelligence (80) May 75
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 Machine Translation (127) May 75 Covers several foreign languages
NTIS/PS-75/411/9GSB
 Computer Software Standards (53) May 75
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 Computer Information Security and Protection (167) May 75
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- Machine Automation and Numerical Control. Vol 1. 1964-1970 (226) Jun 75
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- Machine Automation and Numerical Control. Vol 2. 1971-1973 (166) Jun 75
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- Machine Automation and Numerical Control. Vol 3. 1974-Jun 75 (68) Jun 75
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- The Use of Computers in Solving Mathematical Problems (228) Jun 75
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- Computer Software Reliability (98) Jun 75
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- Speech Recognition by Computer (168) Jun 75
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- Structured Programming (51) Jun 75
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- Control Theory. Vol 1. 1970-1973 (202) Jun 75
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- Control Theory. Vol 2. 1974-Jun 75 (113) Jun 75
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- Computer Technology in Medicine (192) 1972-Jun 7
NTIS/PS-75/507/4GSB
- Pattern Recognition (184) Jun 75
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- Computer Networks (245) Jun 75
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- Computer Storage Management (129) Jun 75
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- Minicomputers (258) Jul 75
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- Programming Language Design (127) Jul 75
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- Automatic Programming (40) Jul 75
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- Applications of the Fast Fourier Transform (181) Aug 75
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- Trends in Computer Technology (43) Aug 75
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- Magnetic Bubble Domains (55) Sep 75
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- Network Flows (138) Sep 75 Includes Applied Studies
NTIS/PS-75/694/0GSB
- Integration of Partial Differential Equations (138) Sep 75
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- Automata Theory (159) Sep 75
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- Robots (103) Sep 75
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- Electroluminescent Display Devices (114) Sep 75
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- Computer Performance Evaluation (76) Oct 75
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- Read Only Memories (37) Nov 75
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- Random Access Memories (68) Nov 75
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NTIS/PS-75/831/8GSB
- Data Compression (120) Dec 75
NTIS/PS-75/860/7GSB
- Natural Language Processing (199) Dec 75
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- Printers (105) Dec 75 Includes computer printers, contact printers, projection printers, and printer readers
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- Shift Registers (79) Dec 75
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- Optical Character Recognition (115) Dec 75
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- Parallel Processors (207) Jan 76
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- Parallel Processors (227) Jan 76 (Ei)
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- Optical Memories (86) Jan 76
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- Aerospace Computer Systems. Part 1. Avionic Applications (158) Jan 76
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- Aerospace Computer Systems. Part 2. Spacecraft and Guided Missile Applications (154) Jan 76
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- Interactive Computer Graphics (204) Jan 76
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- Interactive Computer Graphics (202) Jan 76 (Ei)
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- Switching Circuits (209) Jan 76
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- Switching Circuits (184) Jan 76 (Ei)
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- Symbolic Programming (54) Mar 76
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- Detection and Countermeasures**
- Infrared Upconversion (48) Dec 74
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- Remote Sensing for Natural Resource, Environmental, and Regional Planning (91) 1973-Jan 75
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- Electronic Countermeasures and Electronic Counter Countermeasures (91) Jan 75
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- Antenna Arrays. Vol 2. 1972-1974 (93) Feb 75 Excludes phased arrays
NTIS/PS-75/302/0GSB
- Antenna Arrays. Vol 1. 1964-1971 (219) Feb 75 Excludes phased arrays
NTIS/PS-75/303/8GSB
- Seismic Detection. Part 1. General Studies (82) Jan 75 Excludes detection of nuclear events.
NTIS/PS-75/326/9GSB
- Seismic Detection. Part 2. Nuclear Events--1970-1972--Vol. 1. (135) Jan 75
NTIS/PS-75/327/7GSB
- Seismic Detection. Part 2. Nuclear Events--1973-1974--Vol. 2. (124) Jan 75
NTIS/PS-75/328/5GSB
- Phased Arrays. Vol 1. 1964-1971 (141) Feb 75
NTIS/PS-75/337/6GSB
- Phased Arrays. Vol 2. 1972-1974 (103) Feb 75
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- Nonlinear Acoustics (71) Apr 75
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- Electromagnetic Shielding. Vol 1. 1964-1971 (162) Apr 75
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- Electromagnetic Shielding. Vol 2. 1972-1975 (78) Apr 75
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- Light Detection and Ranging(LIDAR) (191) May 75
NTIS/PS-75/402/8GSB
- Night Vision Devices (124) Aug 75
NTIS/PS-75/647/8GSB
- Intrusion and Weapon Detection: Crime Prevention (77) Nov 75 Divided into two parts- civil development and military development with civil possibilities
NTIS/PS-75/809/4GSB
- Range Finders (114) Nov 75
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- Magnetometers (162) Nov 75 Includes only equipment studies
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- Instrumentation and Data Processing Used in the Earth Resources Technology Satellite (157) 1974-Jan 76
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- Ice and Fog: Detection and Warning Systems (91) Feb 76
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- Electrotechnology**
- IMPATT Diodes (81) Jan 75
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- Phase Shifters (119) Jan 75
NTIS/PS-75/154/5GSB
- Gunn Effect Devices (140) Jan 75
NTIS/PS-75/227/9GSB
- Strip Transmission Lines (111) Jan 75
NTIS/PS-75/239/4GSB
- Beam Lead Microelectronics (36) Jan 75
NTIS/PS-75/246/9GSB
- Integrated Circuit Reliability (173) Jan 75
NTIS/PS-75/247/7GSB
- Acoustic Surface Waves. Vol. 1. 1964-1972 (75) Jan 75
NTIS/PS-75/248/5GSB
- Acoustic Surface Waves. Vol. 2. 1973-1974 (137) Jan 75
NTIS/PS-75/249/3GSB

- Semiconductor Computer Storage (89) Jan 75
NTIS/PS-75/274/1GSB
- Charge Transfer and Transferred Electron Devices (57) Jan 75
NTIS/PS-75/275/8GSB
- Transistor Amplifiers (93) Jan 75
NTIS/PS-75/288/1GSB
- Antenna Arrays. Vol 2. 1972-1974 (93) Feb 75 Excludes phased arrays
NTIS/PS-75/302/0GSB
- Antenna Arrays. Vol 1. 1964-1971 (219) Feb 75 Excludes phased arrays
NTIS/PS-75/303/8GSB
- Microwave Oscillators. Vol 1. 1964-1974 (118) Jan 75
NTIS/PS-75/324/4GSB
- Microwave Oscillators. Vol 2. 1972-1974 (73) Jan 75
NTIS/PS-75/325/1GSB
- Phased Arrays. Vol 1. 1964-1971 (141) Feb 75
NTIS/PS-75/337/6GSB
- Phased Arrays. Vol 2. 1972-1974 (103) Feb 75
NTIS/PS-75/338/4GSB
- Electromagnetic Shielding. Vol 1. 1964-1971 (162) Apr 75
NTIS/PS-75/366/5GSB
- Electromagnetic Shielding. Vol 2. 1972-1975 (78) Apr 75
NTIS/PS-75/367/3GSB
- Amorphous Semiconductors (224) Oct 73 -Dec 74
NTIS/PS-75/368/1GSB
- Light Emitting Diodes (159) Apr 75
NTIS/PS-75/415/0GSB
- Fiber Optics (147) 1969-May 75
NTIS/PS-75/420/0GSB
- Ferrite Microwave Electronics. Vol 1. 1964-1969 (221) Apr 75
NTIS/PS-75/457/2GSB
- Ferrite Microwave Electronics. Vol 2. 1970-Apr 75 (105) Apr 75
NTIS/PS-75/458/0GSB
- Josephson Junctions (111) Jul 75
NTIS/PS-75/590/0GSB
- Superconducting Magnets (137) Jul 75
NTIS/PS-75/636/1GSB
- Night Vision Devices (124) Aug 75
NTIS/PS-75/647/8GSB
- Ion Implantation (140) Aug 75
NTIS/PS-75/661/9GSB
- Squid Devices (59) Aug 75
NTIS/PS-75/687/4GSB
- Electroluminescent Display Devices (114) Sep 75
NTIS/PS-75/742/7GSB
- Frequency Standards (136) Oct 75
NTIS/PS-75/765/8GSB
- Frequency Synthesizers (87) Oct 75
NTIS/PS-75/790/6GSB
- Magnetometers (162) Nov 75 Includes only equipment studies
NTIS/PS-75/830/0GSB
- Logic Design (147) Nov 75
NTIS/PS-75/831/8GSB
- Radome Technology (181) Nov 75
NTIS/PS-75/847/4GSB
- Shift Registers (79) Dec 75
NTIS/PS-75/879/7GSB
- Schottky Barrier Devices (181) Jan 76
NTIS/PS-76/0065/3GSB
- Schottky Barrier Devices (127) 1975 (E)
NTIS/PS-76/0066/1GSB
- Switching Circuits (209) Jan 76
NTIS/PS-76/0089/3GSB
- Switching Circuits (184) Jan 76 (E)
NTIS/PS-76/0090/1GSB
- Lightning, Surge, and Transient Protection (146) Feb 76
NTIS/PS-76/0119/8GSB
- Electron Beam Semiconductor Devices (49) Feb 76
NTIS/PS-76/0122/2GSB
- Electron Beam Semiconductor Devices (55) Feb 76 (E)
NTIS/PS-76/0123/0GSB
- Band Pass Filters (139) Feb 76
NTIS/PS-76/0145/3GSB
- Band Pass Filters (154) 1974-1975 Excludes optical filters (E)
NTIS/PS-76/0146/1GSB
- Printed Circuits. Vol. 1. 1964-1971 (109) Mar 76
NTIS/PS-76/0154/5GSB
- Printed Circuits. Vol. 2. 1972-1975 (107) Mar 76
NTIS/PS-76/0155/2GSB
- Printed Circuits (108) 1975 (E)
NTIS/PS-76/0156/0GSB
- ## Energy
- Energy Conservation (91) Jan 75
NTIS/PS-75/214/7GSB
- Waste Heat Utilization (116) Jan 75 Includes total energy systems
NTIS/PS-75/215/4GSB
- Oil Recovery (86) Jan 75 Excludes offshore drilling
NTIS/PS-75/254/3GSB
- Heat Pipes. Vol 1. 1964-1972 (175) Feb 75
NTIS/PS-75/316/0GSB
- Heat Pipes. Vol 2. 1973-1974 (122) Feb 75
NTIS/PS-75/317/8GSB
- Fuel Consumption. Part 2. Transportation (93) Feb 75
NTIS/PS-75/342/6GSB
- Fuel Consumption. Part 1. Industrial, Residential, and General Studies (75) Feb 75
NTIS/PS-75/343/4GSB
- Wind Power (85) Jan 75
NTIS/PS-75/348/3GSB
- Oil Shale (137) Apr 75
NTIS/PS-75/362/4GSB
- Electric Power Consumption (89) Apr 75
NTIS/PS-75/363/2GSB
- Pollution and Environmental Aspects of Fuel Conversion (47) Apr 75
NTIS/PS-75/371/5GSB
- Thermionics (119) Apr 75
NTIS/PS-75/372/3GSB
- Geothermal Energy (148) Apr 75
NTIS/PS-75/377/2GSB
- Hydrogen Energy (86) Apr 75
NTIS/PS-75/379/8GSB
- Desulfurization of Coal and Petroleum (107) Apr 75 Excludes flue gas and other post-combustion sulfur control
NTIS/PS-75/381/4GSB
- Coal Gasification and Liquefaction. Vol 1. 1964-1973 (161) May 75
NTIS/PS-75/385/5GSB
- Coal Gasification and Liquefaction. Vol 2. 1974-1975 (90) May 75
NTIS/PS-75/386/3GSB
- Nickel Cadmium Batteries (163) May 75
NTIS/PS-75/445/7GSB
- Magnetohydrodynamic Generators in Power Generation (105) May 75
NTIS/PS-75/448/1GSB
- Natural Gas. Part 1. Supply, Demand, and Utilization (97) May 75
NTIS/PS-75/463/0GSB
- Natural Gas. Part 2. Marine Transportation (44) May 75
NTIS/PS-75/464/8GSB
- Lithium Batteries (198) May 75
NTIS/PS-75/471/3GSB
- Lead Batteries (62) May 75 Includes lead acid batteries
NTIS/PS-75/472/1GSB
- Fuel Cells. Vol 1. 1969-1973 (234) Jun 75
NTIS/PS-75/478/8GSB
- Fuel Cells. Vol 2. 1974-Jun 75 (73) 1974-Jun 75
NTIS/PS-75/479/6GSB
- Cooling Towers (123) Jun 75
NTIS/PS-75/549/6GSB
- Silicon Solar Cells (147) Jul 75
NTIS/PS-75/628/8GSB
- Energy Research Planning (92) Aug 75
NTIS/PS-75/630/4GSB
- Silver Cells (172) Aug 75
NTIS/PS-75/649/4GSB
- Synthetic Fuels From Municipal, Industrial, and Agricultural Wastes (36) Aug 75
NTIS/PS-75/655/1GSB
- Accident Risks in Nuclear Facilities (131) Aug 75
NTIS/PS-75/659/3GSB
- Solar Space Heating and Air Conditioning (123) Sep 75
NTIS/PS-75/689/0GSB
- Solar Energy Collectors and Concentrators (117) Aug 75
NTIS/PS-75/690/8GSB
- Solar Electric Power Generation (144) Aug 75
NTIS/PS-75/691/6GSB
- Optical Coatings for Solar Cells and Solar Collectors (89) Aug 75
NTIS/PS-75/692/4GSB
- Cadmium Sulfide Solar Cells (181) Sep 75
NTIS/PS-75/693/2GSB
- Design and Applications of Flywheels (69) Sep 75
NTIS/PS-75/743/5GSB

Power Plant Siting (96) Sep 75 NTIS/PS-75/748/4GSB	Biological Effects of Mercury Pollution (112) Dec 74 NTIS/PS-75/210/5GSB	Salt Marshes (92) May 75 NTIS/PS-75/426/7GSB
Laser Fusion (109) Nov 75 NTIS/PS-75/783/1GSB	Waste Heat Utilization (116) Jan 75 Includes total energy systems NTIS/PS-75/215/4GSB	Radioactivity from Nuclear Power Plants (227) May 75 NTIS/PS-75/429/1GSB
Electron Beam Fusion (44) Nov 75 NTIS/PS-75/784/9GSB	Sewage Sludge Disposal (146) Dec 74 NTIS/PS-75/252/7GSB	Sewage Effects in Marine and Estuarine Environments (136) May 75 NTIS/PS-75/430/9GSB
Nuclear Fusion (139) Dec 75 Excludes research sponsored by ERDA as well as that on laser and electron beam fusion NTIS/PS-75/850/8GSB	Hazardous Material Waste Disposal (92) Dec 74 Excludes radioactive wastes NTIS/PS-75/285/7GSB	Water Quality Modeling-Hydrological and Limnological Systems (213) Jun 75 NTIS/PS-75/441/6GSB
Time Series Forecasting and Prediction (117) Jan 76 Includes studies on hydrology, meteorology, management, and energy among others NTIS/PS-76/0031/5GSB	Hazardous Materials Transportation (126) Dec 74 Excludes radioactive wastes NTIS/PS-75/286/5GSB	Highway Traffic Noise (101) May 75 NTIS/PS-75/444/0GSB
Thermal Pollution. Part 1. Control Techniques and General Studies (116) Mar 76 Excludes waste heat utilization studies NTIS/PS-76/0127/1GSB	Automobile Air Pollution. Part 1. Abatement Through Management and Planning (89) 1970-Jan 75 NTIS/PS-75/309/5GSB	Solid Waste Reclamation and Recycling. Part 1. Packaging and Containers (44) May 75 Excludes studies only dealing with specific materials NTIS/PS-75/450/7GSB
Thermal Pollution. Part 2. Biological Effects. Vol 1. 1964-1973 (132) Mar 76 NTIS/PS-76/0128/9GSB	Automobile Air Pollution. Part 2. Exhaust Analysis (33) 1970-Dec 74 NTIS/PS-75/310/3GSB	Solid Waste Reclamation and Recycling. Part 2. Plastics. (60) May 75 NTIS/PS-75/451/5GSB
Thermal Pollution. Part 2. Biological Effects. Vol 2. 1974-March 1976 (132) Mar 76 NTIS/PS-76/0129/7GSB	Automobile Air Pollution. Part 3. Control Equipment (100) 1970-Dec 74 NTIS/PS-75/311/1GSB	Solid Waste Reclamation and Recycling. Part 3. Metals (136) May 75 Includes metal recovery from aqueous industrial waste streams NTIS/PS-75/452/3GSB
Thermal Pollution. Part 3. Hydrology and Hydrodynamics (177) Mar 76 NTIS/PS-76/0130/5GSB	Automobile Air Pollution. Part 4. New Automotive Engines (60) 1970-Dec 74 NTIS/PS-75/312/9GSB	Solid Waste Reclamation and Recycling. Part 4. Glass (39) May 75 NTIS/PS-75/453/1GSB
Fluidized Bed Combustion (138) Mar 76 NTIS/PS-76/0161/0GSB	Automobile Air Pollution. Part 5. Automotive Fuels (48) 1970-Dec 74 NTIS/PS-75/313/7GSB	Solid Waste Recycling and Reclamation. Part 5. Paper (59) May 75 NTIS/PS-75/454/9GSB
Environmental Pollution and Control		
Ecosystem Models (144) Jan 74 NTIS/PS-75/088/5GSB	Incineration Studies (202) Mar 75 NTIS/PS-75/350/9GSB	Sulfur Dioxide Control. Vol 2. 1973-May 1975 (94) May 75 Excludes fuel desulfurization NTIS/PS-75/455/6GSB
Remote Sensing for Natural Resource, Environmental, and Regional Planning (91) 1973-Jan 75 NTIS/PS-75/104/0GSB	Aeration of Sewage Lagoons, Reservoirs, and Streams (157) Apr 75 NTIS/PS-75/357/4GSB	Sulfur Dioxide Control. Vol 1. 1964-1972 (159) May 75 NTIS/PS-75/456/4GSB
Ecology of Insecticide Water Pollution. Vol 2. 1964-1973 (203) Jan 75 NTIS/PS-75/108/1GSB	Oil Shale (137) Apr 75 NTIS/PS-75/362/4GSB	Sewage and Organic Waste Irrigation (111) May 75 NTIS/PS-75/460/6GSB
Coal Mine Waste (51) Dec 74 NTIS/PS-75/112/3GSB	Pollution and Environmental Aspects of Fuel Conversion (47) Apr 75 NTIS/PS-75/371/5GSB	Activated Carbon (221) May 75 Includes activated carbon treatment of sewage NTIS/PS-75/461/4GSB
Gas Scrubbers (156) Dec 74 NTIS/PS-75/163/6GSB	Biochemical Oxygen Demand (262) Mar 75 NTIS/PS-75/375/6GSB	Ocean Waste Disposal (164) May 75 Excludes thermal effluents NTIS/PS-75/462/2GSB
Regional and Urban Solid Waste Disposal. Part 1. Management Planning (81) Jan 75 NTIS/PS-75/184/2GSB	Desulfurization of Coal and Petroleum (107) Apr 75 Excludes flue gas and other post-combustion sulfur control NTIS/PS-75/381/4GSB	Atmospheric Modeling of Air Pollution (140) May 75 Excludes stratospheric studies NTIS/PS-75/476/2GSB
Regional and Urban Solid Waste Disposal. Part 2. Local Case Studies (110) Jan 75 NTIS/PS-75/185/9GSB	Metal Processing Wastes. Part 2. Water Pollution (112) Apr 75 NTIS/PS-75/382/2GSB	Food Processing Waste Treatment (167) Jun 1975 NTIS/PS-75/484/6GSB
Regional and Urban Solid Waste Disposal. Part 3. Handling and Disposal Technology (84) Jan 75 NTIS/PS-75/186/7GSB	Metal Processing Wastes. Part 1. Air Pollution (167) Apr 75 NTIS/PS-75/383/0GSB	Aircraft Air Pollution (193) Jun 75 Includes studies of exhaust from supersonic aircraft and from around airports NTIS/PS-75/491/1GSB
Financing and Taxation For Urban Control of Pollution (111) Jan 75 NTIS/PS-75/202/2GSB	Septic Tank Design and Use (73) Apr 75 Includes reports dealing with non-septic tank, household sewage treatment systems NTIS/PS-75/388/9GSB	Synthetic Foods (39) Jun 75 Excludes fish protein concentrates NTIS/PS-75/493/7GSB
Mercury Pollution (113) Dec 74 Excludes toxicity and pollution effects NTIS/PS-75/209/7GSB	Effects of Land Use and Urbanization on Water Resources (94) 1971-May 75 NTIS/PS-75/401/0GSB	Supertankers and Superports (81) Jun 75 Includes environmental considerations NTIS/PS-75/510/8GSB

- Precipitation Washout (73) Jun 75 Includes radioactive, pollution, and aerosol washout studies
NTIS/PS-75/517/3GSB
- Chemical Analysis of Aerosols and Airborne Particulates (102) Jun 75 Excludes sampling and particle size analysis
NTIS/PS-75/527/2GSB
- Air Quality Monitoring (181) Jun 75
NTIS/PS-75/529/8GSB
- Airport Noise (138) Jun 75
NTIS/PS-75/530/6GSB
- Animal Waste Pollution and Its Control (117) Jun 75
NTIS/PS-75/531/4GSB
- Noise Pollution Economics (27) Jun 75
NTIS/PS-75/534/8GSB
- Air Pollution Economics (240) Jun 75
NTIS/PS-75/535/5GSB
- Solid Waste Disposal Economics (101) Jun 75
NTIS/PS-75/536/3GSB
- Water Pollution Economics (280) Jun 75 Excludes sewage treatment
NTIS/PS-75/537/1GSB
- Offshore Drilling (116) Jun 75 Includes environmental impacts
NTIS/PS-75/540/5GSB
- Waste Processing and Pollution in the Chemical and Petrochemical Industries (212) Jun 75
NTIS/PS-75/541/3GSB
- Oil Spill Removal (202) Jun 74
NTIS/PS-75/542/1GSB
- Urban Noise Pollution (79) Jul 75
NTIS/PS-75/544/7GSB
- Urban Air Pollution (172) Jul 75 Includes only studies deemed of general interest to urban planners
NTIS/PS-75/545/4GSB
- Cooling Towers (123) Jun 75
NTIS/PS-75/549/6GSB
- Water Rights and Water Law. Vol. 2. 1974-1975 (99) July 75
NTIS/PS-75/558/7GSB
- Water Rights and Water Law. Vol. 1. 1964-1973 (122) July 75
NTIS/PS-75/559/5GSB
- Waste Treatment by Reverse Osmosis and Membrane Processes (117) Jul 75 Excludes desalination of natural waters
NTIS/PS-75/574/4GSB
- Aquatic Weed Control (93) Jul 75
NTIS/PS-75/581/9GSB
- Wastewater Treatment Using Flocculation, Coagulation, and Flotation (140) Jul 75
NTIS/PS-75/582/7GSB
- Sewage Filtration (113) Jul 75
NTIS/PS-75/583/5GSB
- Phosphorus Removal In Sewage Treatment Systems (131) Jul 75
NTIS/PS-75/585/0GSB
- Nitrogen Removal in Sewage Treatment Systems (113) Jul 75
NTIS/PS-75/586/8GSB
- Electrostatic Precipitators for Air Pollution Control (88) Jul 75
NTIS/PS-75/587/6GSB
- Activated Sludge Treatment (256) Jul 75 Excludes sludge disposal
NTIS/PS-75/589/2GSB
- Oil Pollution Detection and Sensing (176) Jul 75
NTIS/PS-75/595/9GSB
- Urban Sewage Treatment Planning (175) 1970-Jul 75
NTIS/PS-75/596/7GSB
- Urban Storm Sewers and Water Runoff. Vol 2. 1974-Jun 1975. (105) Jul 75
NTIS/PS-75/602/3GSB
- Urban Storm Sewers and Water Runoff. Vol 1. 1964-1973 (177) Jul 75
NTIS/PS-75/603/1GSB
- Nitrogen Oxide Air Pollution. Part 1. Control Technology (191) Jul 75
NTIS/PS-75/607/2GSB
- Nitrogen Oxide Air Pollution. Part 2. Detection and Analysis (137) Jul 75
NTIS/PS-75/608/0GSB
- Nitrogen Oxide Air Pollution. Part 3. Atmospheric Chemistry (81) Jul 75
NTIS/PS-75/609/8GSB
- Nitrogen Oxide Air Pollution. Part 4. Biological Effects (49) Jul 75
NTIS/PS-75/610/6GSB
- Nitrogen Oxide Air Pollution. Part 5. Emissions Studies (225) Jul 75
NTIS/PS-75/611/4GSB
- Pollution and Its Control In the Paper and Pulp Industry (167) Jul 75
NTIS/PS-75/638/7GSB
- Automatic Acquisition of Water Quality Data (140) 1970-Jul 75
NTIS/PS-75/639/5GSB
- DDT, DDD, and DDE Pesticides (150) Jul 75
NTIS/PS-75/640/3GSB
- Fly Ash (171) Aug 75
NTIS/PS-75/646/0GSB
- Synthetic Fuels From Municipal, Industrial, and Agricultural Wastes (36) Aug 75
NTIS/PS-75/655/1GSB
- Accident Risks in Nuclear Facilities (131) Aug 75
NTIS/PS-75/659/3GSB
- Sanitary Landfills (194) Aug 75
NTIS/PS-75/676/7GSB
- Cadmium Pollution (143) Aug 75
NTIS/PS-75/681/7GSB
- Network Flows (138) Sep 75 Includes Applied Studies
NTIS/PS-75/694/0GSB
- Water Quality Management in Estuaries and Coastal Zones (214) Sep 75 Excludes specific biological and oceanographic studies
NTIS/PS-75/698/1GSB
- Oil Water Separators (89) Sep 75 Primarily concerns ballast water and oil spill separation
NTIS/PS-75/710/4GSB
- Polychlorinated Biphenyls in the Environment (52) Sep 75
NTIS/PS-75/713/8GSB
- Acid Mine Drainage (150) Sep 75
NTIS/PS-75/714/6GSB
- Preparation and Evaluation of Environmental Impact Statements (60) 1970-Sep 75
NTIS/PS-75/717/9GSB
- Odor Pollution (186) Sep 75
NTIS/PS-75/723/7GSB
- Textile Processing Wastes (72) Sep 75
NTIS/PS-75/729/4GSB
- Water Resources in Arid and Semiarid Regions (68) Sep 75
NTIS/PS-75/737/7GSB
- Ground Water Pollution. Part 1. General Studies (193) Sep 75 Excludes studies dealing with irrigation and fertilization
NTIS/PS-75/739/3GSB
- Ground Water Pollution. Part 2. Pollution From Irrigation and Fertilization (178) Sep 75
NTIS/PS-75/740/1GSB
- Ground Water Pollution. Part 3. Saline Ground Water (90) Sep 75
NTIS/PS-75/741/9GSB
- Asbestos and Silicate Pollution (111) Oct 75 Includes silicosis and asbestosis
NTIS/PS-75/746/8GSB
- Strip Mining (145) Oct 75
NTIS/PS-75/751/8GSB
- Environmental and Ecological Effects of Dredging (136) Oct 75
NTIS/PS-75/755/9GSB
- Toxicity of Pesticides (188) Oct 75
NTIS/PS-75/756/7GSB
- Air Pollution Effects on Materials (82) Oct 75
NTIS/PS-75/760/9GSB
- Maneuvering Aircraft: Noise Pollution and Control. (170) Oct 75 Covers takeoff, landing, and flyby noise excluding sonic boom
NTIS/PS-75/762/5GSB
- Beryllium Pollution (80) Oct 75
NTIS/PS-75/772/4GSB
- Shipboard Sewage Treatment (48) Oct 75
NTIS/PS-75/788/0GSB
- Bioindicators of Pollution (167) Nov 75
NTIS/PS-75/796/3GSB
- Industrial Health Hazards Due to Atmospheric Factors (202) 1970-Aug 75
NTIS/PS-75/800/3GSB
- Detection and Sampling of Combustion Products in Flue Gases (97) Nov 75
NTIS/PS-75/828/4GSB
- Environmental Carcinogens (158) Oct 75
NTIS/PS-75/844/1GSB
- Ecosystem Models (214) Nov 75
NTIS/PS-75/846/6GSB

- Impacts and Studies of the Extremely Low Frequency Communication System. Sanguine (106) Jan 76 Includes environmental and biological effects of this global communications system
NTIS/PS-76/0003/4GSB
- Diesel Engine Exhaust (114) Jan 76
NTIS/PS-76/0007/5GSB
- Electrodialysis Desalination (117) Jan 76
NTIS/PS-76/0011/7GSB
- Electrodialysis Desalination (64) Jan 76 (E)
NTIS/PS-76/0012/5GSB
- Behavior and Physiological Effects of Noise. Vol 1. 1964-1972 (199) 1964-Oct 72
NTIS/PS-76/0013/3GSB
- Behavior and Physiological Effects of Noise. Vol 2. 1972-1975 (119) 1972-Dec 75
NTIS/PS-76/0014/1GSB
- Air Pollution Effects on Plants (173) Dec 75
NTIS/PS-76/0015/8GSB
- Sediment-Water Interactions and Their Effects Upon Water Quality (106) Jan 76 Excludes salt water studies
NTIS/PS-76/0021/6GSB
- The Chemistry and Physics of Ozone in the Stratosphere (142) Jan 76
NTIS/PS-76/0029/9GSB
- Biodeterioration of Oil Spills (99) Jan 76
NTIS/PS-76/0032/3GSB
- The Biological Effects of Oil Spills (142) Jan 76 Excludes biodeterioration
NTIS/PS-76/0033/1GSB
- Ecology of Insecticide Water Pollution. Vol 1. 1964-1973 (206) Jan 76
NTIS/PS-76/0035/6GSB
- Ecology of Insecticide Water Pollution. Vol 2. 1974-1975 (152) Jan 76
NTIS/PS-76/0036/4GSB
- Water Pollution Analysis and Detection. Vol 1. 1970-June 1974 (145) Jan 76 Excludes oil spill detection and analysis
NTIS/PS-76/0037/2GSB
- Water Pollution Analysis and Detection. Vol 2. July 1974-January 1976 (101) Jan 76 Excludes oil spill detection and analysis
NTIS/PS-76/0038/0GSB
- Gas Scrubbers Used in Pollution Control (216) Jan 76
NTIS/PS-76/0050/5GSB
- Gas Scrubbers Used in Pollution Control. Vol 1. 1970-1973 (164) Jan 76 (E)
NTIS/PS-76/0051/3GSB
- Gas Scrubbers Used in Pollution Control. Vol 2. 1974-1975 (136) Jan 76 (E)
NTIS/PS-76/0052/1GSB
- Coal Mine Waste (78) Feb 76
NTIS/PS-76/0053/9GSB
- Biological Productivity in Fresh Water Environments (140) Jan 76
NTIS/PS-76/0056/2GSB
- Lead Pollution (247) Feb 75
NTIS/PS-76/0073/7GSB
- Biological Effects of Lead Pollution (117) Feb 76
NTIS/PS-76/0097/6GSB
- Bacterial Pollution of Water (206) Feb 76
NTIS/PS-76/0120/6GSB
- Thermal Pollution. Part 1. Control Techniques and General Studies (116) Mar 76 Excludes waste heat utilization studies
NTIS/PS-76/0127/1GSB
- Thermal Pollution. Part 2. Biological Effects. Vol 1. 1964-1973 (132) Mar 76
NTIS/PS-76/0128/9GSB
- Thermal Pollution. Part 2. Biological Effects. Vol 2. 1974-March 1976 (132) Mar 76
NTIS/PS-76/0129/7GSB
- Thermal Pollution. Part 3. Hydrology and Hydrodynamics (177) Mar 76
NTIS/PS-76/0130/5GSB
- Air Pollution Tracer Studies in the Lower Atmosphere (55) Mar 76
NTIS/PS-76/0144/6GSB
- Fluidized Bed Combustion (138) Mar 76
NTIS/PS-76/0161/0GSB
- Fluidized Bed Combustion (136) Mar 76 (E)
NTIS/PS-76/0162/8GSB
- Aircraft Sonic Boom. Part 1. Aircraft Flight, Aircraft Design, and Measurement (119) Mar 76
NTIS/PS-76/0175/0GSB
- Aircraft Sonic Boom. Part 2. Effects on Buildings (64) Mar 76
NTIS/PS-76/0176/8GSB
- Aircraft Sonic Boom. Part 3. Biological Effects (66) Mar 76
NTIS/PS-76/0177/6GSB
- ## Health Planning
- Health Care Costs (110) Jan 76
NTIS/PS-76/0018/2GSB
- Emergency Medical Services (160) Feb 76
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- ## Industrial and Mechanical Engineering
- Metrication in the United States (72) Dec 74
NTIS/PS-75/123/0GSB
- Metal Drawing (43) Jan 75
NTIS/PS-75/162/8GSB
- Use of Ultrasonics in Manufacturing Procedures (89) Dec 74
NTIS/PS-75/244/4GSB
- Nondestructive Ultrasonic Testing and Inspection. Vol. 1. 1964-1971 (188) Jan 75
NTIS/PS-75/270/9GSB
- Nondestructive Ultrasonic Testing and Inspection. Vol. 2. 1972-1974 (165) Jan 75
NTIS/PS-75/271/7GSB
- Shipborne Containers and Containerization (100) Jan 75
NTIS/PS-75/284/0GSB
- Heat Pipes. Vol 1. 1964-1972 (175) Feb 75
NTIS/PS-75/316/0GSB
- Heat Pipes. Vol 2. 1973-1974 (122) Feb 75
NTIS/PS-75/317/8GSB
- Electrodeposition. Vol 1. 1964-1971 (97) Jan 75
NTIS/PS-75/330/1GSB
- Electrodeposition. Vol 2. 1972-1974 (110) Jan 75
NTIS/PS-75/331/9GSB
- Fuel Consumption. Part 1. Industrial, Residential, and General Studies (75) Feb 75
NTIS/PS-75/343/4GSB
- Machine Automation and Numerical Control. Vol 1. 1964-1970 (226) Jun 75
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- Machine Automation and Numerical Control. Vol 2. 1971-1973 (166) Jun 75
NTIS/PS-75/481/2GSB
- Machine Automation and Numerical Control. Vol 3. 1974-Jun 75 (68) Jun 75
NTIS/PS-75/482/0GSB
- Cooling Towers (123) Jun 75
NTIS/PS-75/549/6GSB
- Corrosion in Boilers (77) Jul 75
NTIS/PS-75/555/3GSB
- Mine Safety. Part 2. Communication and Position Finding Systems (53) June 1975
NTIS/PS-75/563/7GSB
- Standard Reference Materials (141) Aug 75
NTIS/PS-75/667/6GSB
- Lubricating Oil Analysis for Wear Monitoring (53) Sep 75
NTIS/PS-75/688/2GSB
- High Temperature Bearings (102) Sep 75
NTIS/PS-75/716/1GSB
- Design and Applications of Flywheels (69) Sep 75
NTIS/PS-75/743/5GSB
- Inert Gas Welding (113) Oct 75
NTIS/PS-75/764/1GSB
- Powder Metallurgy of Titanium and Titanium Alloys (73) Oct 75
NTIS/PS-75/766/6GSB
- Diffusion Bonding (142) Oct 75
NTIS/PS-75/771/6GSB
- Fire Alarms and Fire Detectors (120) Oct 75
NTIS/PS-75/793/0GSB
- Expansion Joints (65) Oct 75 Primarily covers highway and bridge expansion joints
NTIS/PS-75/795/5GSB
- Industrial Health Hazards Due to Atmospheric Factors (202) 1970-Aug 75
NTIS/PS-75/800/3GSB
- Journal Bearings (120) Oct 75
NTIS/PS-75/801/1GSB

Thrust, Sleeve, and Jewel Bearings (65) Oct 75
NTIS/PS-75/802/9GSB

Roller Bearings (104) Oct 75
NTIS/PS-75/803/7GSB

Liquid Bearings (62) Oct 75
NTIS/PS-75/804/5GSB

Ball Bearings. Vol 1. 1964-1971 (120) Oct 75
NTIS/PS-75/805/2GSB

Ball Bearings. Vol 2. 1972- September 1975 (100) Oct 75
NTIS/PS-75/806/0GSB

Gas Bearings. Vol 1. 1964-1970 (152) Oct 75
NTIS/PS-75/807/8GSB

Gas Bearings. Vol 2. 1971-August 1975 (138) Oct 75
NTIS/PS-75/808/6GSB

Cryogenic Refrigeration. Vol 1. 1964-1972 (135) Nov 75
NTIS/PS-75/825/0GSB

Cryogenic Refrigeration. Vol 2. 1973-1975 (94) Nov 75
NTIS/PS-75/826/8GSB

Industrial Psychology (177) Nov 75
NTIS/PS-75/839/1GSB

Production Planning and Scheduling (193) Dec 75
NTIS/PS-75/863/1GSB

High Energy Rate Forming. Part 1. (70) Jan 76 Excludes explosive forming
NTIS/PS-76/0019/0GSB

High Energy Forming. Part 2. Explosive Forming (110) January 76
NTIS/PS-76/0020/8GSB

Plasma and Flame Sprayed Coatings (146) Jan 76
NTIS/PS-76/0047/1GSB

Plasma and Flame Sprayed Coatings. Vol 1. 1970-1973 (131) Jan 76
NTIS/PS-76/0048/9GSB

Plasma and Flame Sprayed Coatings. Vol 2. 1974-1975 (105) Jan 76 (E)
NTIS/PS-76/0049/7GSB

Superalloys. Vol 1. 1970-1973 (246) Feb 76 (E)
NTIS/PS-76/0107/3GSB

Superalloys. Vol 2. 1974-1975 (179) Feb 76 (E)
NTIS/PS-76/0108/1GSB

Superalloys Feb 76
NTIS/PS-76/0109/9GSB

Electron Beam Welding (165) Mar 76
NTIS/PS-76/0136/2GSB

Electron Beam Welding (165) 1975 (E)
NTIS/PS-76/0137/0GSB

Fluid Control Devices. Vol 1. 1964-December 1971 (188) Mar 76
NTIS/PS-76/0139/6GSB

Fluid Control Devices. Vol 2. 1972-February 1976 (156) Mar 76
NTIS/PS-76/0140/4GSB

Fluid Control Devices (161) 1974-Feb 76 (E)
NTIS/PS-76/0141/2GSB

Ferrous Metal Casting (193) Mar 76
NTIS/PS-76/0142/0GSB

Library and Information Sciences

Copyrights (56) Jan 75
NTIS/PS-75/146/1GSB

User Needs in Documentation and Information (60) Jan 75
NTIS/PS-75/189/1GSB

Machine Translation (127) May 75 Covers several foreign languages
NTIS/PS-75/411/9GSB

Microforms. Vol 1. 1964-1973 (187) Jun 75
NTIS/PS-75/434/1GSB

Microforms. Vol 2. 1973-Apr 75 (74) Jun 75
NTIS/PS-75/435/8GSB

On-line Retrieval Systems (146) Jul 75
NTIS/PS-75/513/2GSB

Management Information Systems (164) Jul 75 Excludes urban information systems
NTIS/PS-75/601/5GSB

Urban Information Systems. Part 1. General (69) Jul 75
NTIS/PS-75/623/9GSB

Urban Information Systems. Part 2. USAC Reports (210) Jul 75
NTIS/PS-75/624/7GSB

Interlibrary Loans (62) Nov 75
NTIS/PS-75/813/6GSB

Natural Language Processing (199) Dec 75
NTIS/PS-75/864/9GSB

Printers (105) Dec 75 Includes computer printers, contact printers, projection printers, and printer readers
NTIS/PS-75/865/6GSB

Library Management (137) Dec 75
NTIS/PS-75/873/0GSB

Biomedical Information Systems (178) Dec 75 Bibliographic and data information systems are included
NTIS/PS-75/891/2GSB

Publishing: Methods, Analyses, and Surveys (86) Jan 76
NTIS/PS-76/0005/9GSB

Records Management (235) Feb 76
NTIS/PS-76/0075/2GSB

Materials Sciences

Highway Markings (64) Dec 74
NTIS/PS-75/122/2GSB

Lightweight Armor (106) Jan 75
NTIS/PS-75/136/2GSB

Carbon and Graphite Materials. Part 4. Carbon Research (67) Jan 75
NTIS/PS-75/182/6GSB

Cryogenic Properties of Aluminum and Aluminum Alloys (70) Jan 75
NTIS/PS-75/192/5GSB

Ablation and Ablative Materials (121) Jan 75
NTIS/PS-75/212/1GSB

Fracture of Ceramics (147) Dec 74
NTIS/PS-75/217/0GSB

Cathodic Protection (135) Dec 74
NTIS/PS-75/241/0GSB

Chemical Analysis of Steels (110) Feb 75
NTIS/PS-75/289/9GSB

Electrodeposition. Vol 1. 1964-1971 (97) Jan 75
NTIS/PS-75/330/1GSB

Electrodeposition. Vol 2. 1972-1974 (110) Jan 75
NTIS/PS-75/331/9GSB

Polytetrafluoroethylene (Teflon) (118) Apr 75
NTIS/PS-75/353/3GSB

Boron Reinforced Composites (199) 1972-May 75
NTIS/PS-75/414/3GSB

Metal Matrix Composites (180) 1971-May 75
NTIS/PS-75/422/6GSB

Cyanoacrylate Tissue Adhesives (48) 1964-May 75
NTIS/PS-75/440/8GSB

Marine Fouling (140) 1969-Jun 75
NTIS/PS-75/442/4GSB

Solid Waste Reclamation and Recycling. Part 1. Packaging and Containers (44) May 75 Excludes studies only dealing with specific materials
NTIS/PS-75/450/7GSB

Solid Waste Reclamation and Recycling. Part 2. Plastics. (60) May 75
NTIS/PS-75/451/5GSB

Solid Waste Reclamation and Recycling. Part 3. Metals (136) May 75 Includes metal recovery from aqueous industrial waste streams
NTIS/PS-75/452/3GSB

Solid Waste Reclamation and Recycling. Part 4. Glass (39) May 75
NTIS/PS-75/453/1GSB

Stress Crack Phenomena (186) Jun 75 Excludes rock mechanics and mathematical analysis
NTIS/PS-75/465/5GSB

Mathematical Analysis of Stress Cracks. Vol 1. 1964-1973 (207) June 75
NTIS/PS-75/466/3GSB

Mathematical Analysis of Stress Cracks. Vol 2. 1974-May 75 (109) June 75
NTIS/PS-75/467/1GSB

Concrete Polymer Composites (90) Jun 75
NTIS/PS-75/475/4GSB

Chemical Vapor Deposition (211) May 75
NTIS/PS-75/477/0GSB

Biocompatible Materials. Vol. 1. 1964-1973 (147) 1964-1973
NTIS/PS-75/487/9GSB

Biocompatible Materials. Vol. 2. 1974-June 1975 (96) 1974-Jun 75
NTIS/PS-75/488/7GSB

Drag Reducing Fluids (158) 1969-Jun 75
NTIS/PS-75/497/8GSB

Titanium and Titanium Alloy Creep (109) Jul 75
NTIS/PS-75/538/9GSB

Polycarbonates (72) Jun 75
NTIS/PS-75/554/6GSB

- Corrosion in Boilers (77) Jul 75
NTIS/PS-75/555/3GSB
- Heat Resistant Plastics. Part 1. Nitrogen Containing Polymers (157) Jul 75
NTIS/PS-75/560/3GSB
- Heat Resistant Plastics. Part 2. Silicone, Borane, Halocarbon, and Other Polymers (170) Jul 75
NTIS/PS-75/561/1GSB
- Polycarbonates (100) Jul 75
NTIS/PS-75/569/4GSB
- High Temperature Lubricants and Oils (109) Jul 75
NTIS/PS-75/600/7GSB
- Carbon and Graphite. Part 1. Carbon and Graphite Fibers and Fiber Composites Vol 1 (220) 1964-1973
NTIS/PS-75/612/2GSB
- Carbon and Graphite. Part 1. Carbon and Graphite Fibers and Fiber Composites Vol 2 (142) 1974-Jun 75
NTIS/PS-75/613/0GSB
- Carbon and Graphite. Part 2. Carbon and Graphite Composites (174) Jul 75 Excludes fiber composites
NTIS/PS-75/614/8GSB
- Carbon and Graphite. Part 3. Graphite--Physical, Mechanical, and Structural Studies (141) Jul 75
NTIS/PS-75/615/5GSB
- Carbon and Graphite. Part 4. Graphite--Chemical Studies (124) Jul 75
NTIS/PS-75/616/3GSB
- Carbon and Graphite. Part 5. Carbon Research (83) Jul 75 Includes studies on carbon black, chars, coke, and carbon foams
NTIS/PS-75/617/1GSB
- Carbon and Graphite. Part 6. Glassy Carbon (43) Jul 75
NTIS/PS-75/618/9GSB
- Foamed Plastics. Part 1. Polyurethane Foams (161) Jul 75
NTIS/PS-75/634/6GSB
- Foamed Plastics. Part 2. Styrene, Silicone, Epoxy, and Other Polymeric Foams (132) Jul 75
NTIS/PS-75/635/3GSB
- Fly Ash (171) Aug 75
NTIS/PS-75/646/0GSB
- Standard Reference Materials (141) Aug 75
NTIS/PS-75/667/6GSB
- Lubricating Oil Analysis for Wear Monitoring (53) Sep 75
NTIS/PS-75/688/2GSB
- Optical Coatings for Solar Cells and Solar Collectors (89) Aug 75
NTIS/PS-75/692/4GSB
- Powder Metallurgy of Aluminum (124) Sep 75
NTIS/PS-75/697/3GSB
- Adhesives (154) Sep 75
NTIS/PS-75/704/7GSB
- Powder Metallurgy of Iron and Steel (141) Sep 75
NTIS/PS-75/709/6GSB
- Solid Lubricants (128) Sep 75
NTIS/PS-75/715/3GSB
- Combustion of Plastics and Elastomers (80) Sep 75
NTIS/PS-75/728/6GSB
- The Synthesis and Properties of Polyurethane Resins. Vol 2. 1964-1972 (143) Oct 75 Excludes polyurethane foams
NTIS/PS-75/744/3GSB
- The Synthesis and Properties of Polyurethane Resins. Vol 1. 1973-Sep 1975 (81) Oct 75 Excludes polyurethane foams
NTIS/PS-75/745/0GSB
- Hydrogen Embrittlement of Metals (230) Sep 75
NTIS/PS-75/749/2GSB
- Fire Resistance of Fibers and Textiles (170) Oct 75 Includes fiber preparation and additives, standards, textile burning studies, and consumer aspects
NTIS/PS-75/757/5GSB
- Air Pollution Effects on Materials (82) Oct 75
NTIS/PS-75/760/9GSB
- Powder Metallurgy of Titanium and Titanium Alloys (73) Oct 75
NTIS/PS-75/766/6GSB
- Diffusion Bonding (142) Oct 75
NTIS/PS-75/771/6GSB
- Stress Corrosion of Steel (200) Oct 75 Excludes stainless steel
NTIS/PS-75/785/6GSB
- Stress Corrosion of Stainless Steel (125) Oct 75
NTIS/PS-75/786/4GSB
- Pine Wood (65) Oct 75 Covers pine wood products, uses, and properties
NTIS/PS-75/798/9GSB
- Seals and Gaskets (224) 1970-Sep 75
NTIS/PS-75/838/3GSB
- Wood Bonding (99) Dec 75
NTIS/PS-75/861/5GSB
- Material Shortages (136) Jan 76 Includes agricultural products, metals, minerals, and other materials except fuels
NTIS/PS-76/0006/7GSB
- Plasma and Flame Sprayed Coatings (146) Jan 76
NTIS/PS-76/0047/1GSB
- Plasma and Flame Sprayed Coatings. Vol 1. 1970-1973 (131) Jan 76
NTIS/PS-76/0048/9GSB
- Plasma and Flame Sprayed Coatings. Vol 2. 1974-1975 (105) Jan 76 (Ei)
NTIS/PS-76/0049/7GSB
- The Chemistry of Silicone Resins (152) Jan 76
NTIS/PS-76/0057/0GSB
- Sea Water Corrosion (208) Feb 76
NTIS/PS-76/0058/8GSB
- Reinforced Plastics. Part 1. Fiberglass Reinforcement (180) Jan 76
NTIS/PS-76/0063/8GSB
- Reinforced Plastics. Part 2. Boran, Carbon, and Other Reinforcing Materials (218) Feb 76
NTIS/PS-76/0064/6GSB
- Turbine Blades: Erosion and Corrosion (80) Feb 76 Excludes cavitation
NTIS/PS-76/0081/0GSB
- Turbine Blades: Erosion and Corrosion (108) Feb 76 Excludes cavitation (Ei)
NTIS/PS-76/0082/8GSB
- Gas and Steam Turbines, General: Corrosion and Erosion (166) Feb 76 Excludes turbine blades cavitation
NTIS/PS-76/0087/7GSB
- Gas and Steam Turbines, General: Corrosion and Erosion (139) Feb 76 Excludes turbine blades cavitation (Ei)
NTIS/PS-76/0088/5GSB
- Lightweight Armor (123) Feb 76
NTIS/PS-76/0106/5GSB
- Superalloys. Vol 1. 1970-1973 (246) Feb 76 (Ei)
NTIS/PS-76/0107/3GSB
- Superalloys. Vol 2. 1974-1975 (179) Feb 76 (Ei)
NTIS/PS-76/0108/1GSB
- Superalloys Feb 76
NTIS/PS-76/0109/9GSB
- Detergents, Soaps, and Surface Active Cleaners (124) Feb 76 Excludes oil spill treatment chemicals and fuel additives
NTIS/PS-76/0110/7GSB
- Corrosion of Stainless Steel (225) Oct 75 Excludes stress corrosion
NTIS/PS-76/0114/9GSB
- Electron Beam Welding (165) Mar 76
NTIS/PS-76/0136/2GSB
- Electron Beam Welding (165) 1975 (Ei)
NTIS/PS-76/0137/0GSB
- Ferrous Metal Casting (193) Mar 76
NTIS/PS-76/0142/0GSB
- Acrylic Resins. Part 1. Acrylonitrile Polymers (86) Mar 76 Covers fabrication, polymerization, and properties
NTIS/PS-76/0147/9GSB
- Acrylic Resins. Part 1. Acrylonitrile Polymers--1975 (115) Mar 76 (Ei)
NTIS/PS-76/0148/7GSB
- Acrylic Resins. Part 2. Methacrylate Polymers Mar 76 Covers fabrication, polymerization, and properties
NTIS/PS-76/0149/5GSB
- Acrylic Resins. Part 2. Methacrylate Polymers--1975 (177) Mar 76 (Ei)
NTIS/PS-76/0150/3GSB
- Acrylic Resins. Part 3. Acrylates, Acrylamides, and General Studies (138) Mar 76 Covers fabrication, polymerization, and properties
NTIS/PS-76/0151/1GSB
- Acrylic Resins. Part 3. Acrylates, Acrylamides, and General Studies (153) Mar 76 (Ei)
NTIS/PS-76/0152/9GSB
- Particle Boards and Fiberboards: Fabrication, Use, and Properties (115) Feb 76
NTIS/PS-76/0157/8GSB
- Particle Boards: Fabrication, Use, and Properties. (154) Mar 76 (Ei)
NTIS/PS-76/0158/6GSB

Fiberboards: Fabrication, Use, and Properties. Vol. 1. 1970-1974 (223) Mar 76 (E)
NTIS/PS-76/0159/4GSB

Fiberboards: Fabrication, Use, and Properties. Vol. 2. 1975-Jan 1976 (121) Mar 76 (E)
NTIS/PS-76/0160/2GSB

Cavitation. Part 3. Corrosion and Erosion (104) Mar 76 Excludes turbine cavitation
NTIS/PS-76/0166/9GSB

Cavitation. Part 4. Cavitation Flow and Erosion in Turbines (70) Mar 76
NTIS/PS-76/0167/7GSB

Corrosion in Desalination Plants (158) Mar 76
NTIS/PS-76/0173/5GSB

Corrosion in Desalination Plants (117) Mar 76 (E)
NTIS/PS-76/0174/3GSB

Mathematical Sciences

Linear Programming in Management (38) May 75
NTIS/PS-75/406/9GSB

The Use of Computers in Solving Mathematical Problems (228) Jun 75
NTIS/PS-75/485/3GSB

Network Flows (138) Sep 75 Includes Applied Studies
NTIS/PS-75/694/0GSB

Integration of Partial Differential Equations (138) Sep 75
NTIS/PS-75/702/1GSB

Experimental Design (112) Oct 75
NTIS/PS-75/776/5GSB

Integration of Nonlinear Differential Equations (81) Nov 75
NTIS/PS-75/794/8GSB

Time Series Forecasting and Prediction (117) Jan 76 Includes studies on hydrology, meteorology, management, and energy among others
NTIS/PS-76/0031/5GSB

Medicine and Biology

Ecosystem Models (144) Jan 74
NTIS/PS-75/088/5GSB

Interferon (157) Jan 75
NTIS/PS-75/100/8GSB

Ecology of Insecticide Water Pollution. Vol 2. 1964-1973 (203) Jan 75
NTIS/PS-75/108/1GSB

Drug Abuse (113) Jan 75
NTIS/PS-75/147/9GSB

Cold Weather Stress on Humans (72) Jan 75
NTIS/PS-75/170/1GSB

Radiology (102) 1967-Jan 75
NTIS/PS-75/173/5GSB

Ultrasonics in Medicine (39) Jan 75
NTIS/PS-75/175/0GSB

Prostaglandins (37) 1967-Jan 75
NTIS/PS-75/176/8GSB

Biological Effects of Mercury Pollution (112) Dec 74
NTIS/PS-75/210/5GSB

Nuclear Medicine (218) Jan 75
NTIS/PS-75/213/9GSB

Tumor Immunology (51) 1964-Sept 73
NTIS/PS-75/222/0GSB

Psychoses (85) Jan 75
NTIS/PS-75/235/2GSB

Hyperbaric Oxygenation (125) Jan 75
NTIS/PS-75/236/0GSB

Altitude Hypoxia (166) Jan 75
NTIS/PS-75/237/8GSB

Forensic Medicine (39) Jan 75
NTIS/PS-75/245/1GSB

Hemophilia (22) Jan 75
NTIS/PS-75/260/0GSB

Chronic Obstructive Lung Disease (24) Jan 75
NTIS/PS-75/273/3GSB

Underwater Medicine and Physiology (191) Jan 75
NTIS/PS-75/278/2GSB

Malaria. Vol 1. 1964-1970 (174) Feb 75
NTIS/PS-75/307/9GSB

Malaria. Vol 2. 1971-1974 (64) Feb 75
NTIS/PS-75/308/7GSB

Oral Diseases and Preventive Dentistry (119) Feb 75
NTIS/PS-75/315/2GSB

Ecology of the Marine Environment (205) Feb 75
NTIS/PS-75/329/3GSB

Leukemia (134) Feb 75
NTIS/PS-75/339/2GSB

Dental Materials and Equipment (143) Feb 75
NTIS/PS-75/340/0GSB

Schistosoma and Schistosomiasis (130) Feb 75
NTIS/PS-75/344/2GSB

Septicemia (158) Feb 75
NTIS/PS-75/349/1GSB

GRAS(Generally Recognized as Safe) Food Ingredients (253) April 75
NTIS/PS-75/356/6GSB

Medical Entomology. Vol. 2. 1970-1975 (192) 1970-Jan 1975
NTIS/PS-75/360/8GSB

Medical Entomology. Vol.1.1964-1969 (157) 1964-1969
NTIS/PS-75/361/6GSB

Hemorrhagic Shock (70) 1964 - Apr 75
NTIS/PS-75/369/9GSB

Biological Effects of Microwaves (112) Mar 75
NTIS/PS-75/384/8GSB

Toxicity of Gaseous Halocarbons (70) May 1975
NTIS/PS-75/387/1GSB

Artificial Kidneys (182) 1968-Apr 75
NTIS/PS-75/418/4GSB

Blindness (113) May 75
NTIS/PS-75/427/5GSB

Radioactivity from Nuclear Power Plants (227) May 75
NTIS/PS-75/429/1GSB

Sewage Effects in Marine and Estuarine Environments (136) May 75
NTIS/PS-75/430/9GSB

Cyanoacrylate Tissue Adhesives (48) 1964-May 75
NTIS/PS-75/440/8GSB

Psychotropic Drug Research (114) 1964-May 1975
NTIS/PS-75/489/5GSB

Preventive Medicine (107) Jun 75
NTIS/PS-75/502/5GSB

Computer Technology in Medicine (192) 1972-Jun 7
NTIS/PS-75/507/4GSB

Cryobiology (106) Jun-75
NTIS/PS-75/508/2GSB

Antineoplastic agents (195) 1970-Jun 75
NTIS/PS-75/509/0GSB

Sickle Cell Anemia (38) Jun 75
NTIS/PS-75/515/7GSB

Eutrophication. Vol 1. 1964-1973 (194) Jun 75
NTIS/PS-75/522/3GSB

Eutrophication. Vol 2. 1974-June 1975 (86) Jun 75
NTIS/PS-75/523/1GSB

Electroretinography (87) Jun 75
NTIS/PS-75/526/4GSB

Health Services in Rural Areas (87) Jun 75
NTIS/PS-75/532/2GSB

Hepatitis and Blood Transfusions (58) Jul 75
NTIS/PS-75/543/9GSB

Radiation Effects on Cells and Chromosomes (109) Jun 75
NTIS/PS-75/551/2GSB

Mine Safety. Part 3. Occupational Health--General Studies (110) Jun 75
NTIS/PS-75/564/5GSB

Mine Safety. Part 4. Occupational Health--Radioactivity (49) Jun 75
NTIS/PS-75/565/2GSB

Immunologic Diseases. Vol 2. 1975 (62) Jul 75
NTIS/PS-75/578/5GSB

Immunologic Diseases. Vol 1. 1964-1974 (237) Jul 75
NTIS/PS-75/579/3GSB

Aquatic Weed Control (93) Jul 75
NTIS/PS-75/581/9GSB

Nerve Regeneration (35) Jul 75
NTIS/PS-75/592/6GSB

Nitrogen Oxide Air Pollution. Part 4. Biological Effects (49) Jul 75
NTIS/PS-75/610/6GSB

Motor Vehicle Operator Behavior (119) Aug 75 Excludes studies on the effects of stress, alcohol, and vision characteristics
NTIS/PS-75/619/7GSB

Driver Performance under Abnormal Conditions. Physical Impairment, Drugs, Gases (43) Aug 75 Excludes alcohol effects
NTIS/PS-75/620/5GSB

Anthropometry (203) Aug 75
NTIS/PS-75/629/6GSB

DDT, DDD, and DDE Pesticides (150) Jul 75
NTIS/PS-75/640/3GSB

- Explosives and Narcotics Detection Using Dogs (29) Sep 75
NTIS/PS-75/648/6GSB
- Polychlorinated Biphenyls in the Environment (52) Sep 75
NTIS/PS-75/713/8GSB
- Oyster Utilization, Biology, and Growth (205) Sep 75
NTIS/PS-75/718/7GSB
- Asbestos and Silicate Pollution (111) Oct 75 Includes silicosis and asbestosis
NTIS/PS-75/746/8GSB
- Toxicity of Pesticides (188) Oct 75
NTIS/PS-75/756/7GSB
- Venereal Diseases (54) Aug 75
NTIS/PS-75/777/3GSB
- Blood Preservation and Storage. Vol. 1. 1964-1973 (169) Oct 75
NTIS/PS-75/778/1GSB
- Blood Preservation and Storage. Vol. 2. 1974-1975 (52) Oct 75
NTIS/PS-75/779/9GSB
- Vaccines and Immunity (187) Oct 75
NTIS/PS-75/781/5GSB
- Bioindicators of Pollution (167) Nov 75
NTIS/PS-75/796/3GSB
- Transplantation Immunology (122) Oct 75
NTIS/PS-75/799/7GSB
- Industrial Health Hazards Due to Atmospheric Factors (202) 1970-Aug 75
NTIS/PS-75/800/3GSB
- Chemical and Biological Warfare. Part 3. Biology, Chemistry, Therapy, and Toxicology (115) Oct 75 Excludes the biochemistry and therapy of cholinesterase inhibitors
NTIS/PS-75/834/2GSB
- Chemical and Biological Warfare. Part 4. Defoliants and Herbicides (126) Nov 75
NTIS/PS-75/835/9GSB
- Biochemistry and Therapy of Cholinesterase Inhibitors (139) Nov 75 Primarily covers organophosphorus nerve agents
NTIS/PS-75/837/5GSB
- Lung Cancer (81) Nov 74
NTIS/PS-75/841/7GSB
- Environmental Carcinogens (158) Oct 75
NTIS/PS-75/844/1GSB
- Ecosystem Models (214) Nov 75
NTIS/PS-75/846/6GSB
- Congenital Abnormalities (79) Nov 75
NTIS/PS-75/849/0GSB
- Information Processing in Humans. Vol 1. 1964-1973 (209) Dec 73
NTIS/PS-75/857/3GSB
- Information Processing in Humans. Vol 2. 1974-Nov 75 (89) Nov 75
NTIS/PS-75/858/1GSB
- Fish Protein Concentrates (140) Dec 75
NTIS/PS-75/862/3GSB
- Shark Behavior and Biology (68) Dec 75
NTIS/PS-75/869/8GSB
- Contraceptives and Birth Control (51) Dec 75
NTIS/PS-75/880/5GSB
- Endangered Species (39) Dec 75
NTIS/PS-75/881/3GSB
- Biofeedback (36) Dec 75
NTIS/PS-75/885/4GSB
- Biological Pest Control (71) Dec 75
NTIS/PS-75/887/0GSB
- Epilepsy (66) Dec 75
NTIS/PS-75/889/6GSB
- Stress Factors on Pilot Performance (94) Dec 75
NTIS/PS-75/890/4GSB
- Biomedical Information Systems (178) Dec 75 Bibliographic and data information systems are included
NTIS/PS-75/891/2GSB
- Biological Effects of Laser Radiation (188) Dec 75
NTIS/PS-75/893/8GSB
- Molecular Biology (131) Dec 75
NTIS/PS-76/0001/8GSB
- Impacts and Studies of the Extremely Low Frequency Communication System, Sanguine (106) Jan 76 Includes environmental and biological effects of this global communications system
NTIS/PS-76/0003/4GSB
- Auditory Perception in Cetacea (70) Jan 76
NTIS/PS-76/0008/3GSB
- Behavior and Physiological Effects of Noise. Vol 1. 1964-1972 (199) 1964-Oct 72
NTIS/PS-76/0013/3GSB
- Behavior and Physiological Effects of Noise. Vol 2. 1972-1975 (119) 1972-Dec 75
NTIS/PS-76/0014/1GSB
- Air Pollution Effects on Plants (173) Dec 75
NTIS/PS-76/0015/8GSB
- Rehabilitation of the Physically Handicapped (179) Jan 76
NTIS/PS-76/0028/1GSB
- Biodeterioration of Oil Spills (99) Jan 76
NTIS/PS-76/0032/3GSB
- The Biological Effects of Oil Spills (142) Jan 76 Excludes biodeterioration
NTIS/PS-76/0033/1GSB
- Ecology of Insecticide Water Pollution. Vol 1. 1964-1973 (206) Jan 76
NTIS/PS-76/0035/6GSB
- Ecology of Insecticide Water Pollution. Vol 2. 1974-1975 (152) Jan 76
NTIS/PS-76/0036/4GSB
- Biological Productivity in Fresh Water Environments (140) Jan 76
NTIS/PS-76/0056/2GSB
- Color Vision Jan 76
NTIS/PS-76/0059/6GSB
- Rehabilitation of the Mentally Retarded (125) Feb 76
NTIS/PS-76/0067/9GSB
- Cigarette Smoking (60) Feb 76
NTIS/PS-76/0074/5GSB
- Emergency Medical Services (160) Feb 76
NTIS/PS-76/0080/2GSB
- Herpes Virus (115) Feb 76
NTIS/PS-76/0093/5GSB
- Effects of Fatigue on Human Behavior and Performance (121) Jan 76
NTIS/PS-76/0095/0GSB
- Biological Effects of Lead Pollution (117) Feb 76
NTIS/PS-76/0097/6GSB
- Burn Therapy (157) Feb 76
NTIS/PS-76/0104/0GSB
- Whales (115) Feb 76
NTIS/PS-76/0111/5GSB
- Cardiovascular Diseases. Vol. 1. 1964-1972 (151) 1964-1972
NTIS/PS-76/0117/2GSB
- Cardiovascular Diseases. Vol. 2. 1973-1975 (179) Mar 76
NTIS/PS-76/0118/0GSB
- Bacterial Pollution of Water (206) Feb 76
NTIS/PS-76/0120/6GSB
- Radioimmunoassay Studies (79) Feb 76
NTIS/PS-76/0125/5GSB
- Thermal Pollution. Part 2. Biological Effects. Vol 1. 1964-1973 (132) Mar 76
NTIS/PS-76/0128/9GSB
- Thermal Pollution. Part 2. Biological Effects. Vol 2. 1974-March 1976 (132) Mar 76
NTIS/PS-76/0129/7GSB
- Night Vision and Dark Adaptation (98) Feb 76
NTIS/PS-76/0133/9GSB
- Nystagmus (209) Mar 76
NTIS/PS-76/0143/8GSB
- Tumor Viruses (76) Feb 76
NTIS/PS-76/0172/7GSB
- Aircraft Sonic Boom. Part 3. Biological Effects (66) Mar 76
NTIS/PS-76/0177/6GSB
- Hypertension (97) Mar 76
NTIS/PS-76/0179/2GSB

Military Sciences

- Arms Control (234) Apr 75
NTIS/PS-75/393/9GSB
- Replacement Theory (85) Apr 75
NTIS/PS-75/405/1GSB
- All Volunteer Military Services (154) Aug 75
NTIS/PS-75/621/3GSB
- Anthropometry (203) Aug 75
NTIS/PS-75/629/6GSB
- Inventory Control (220) 1970-Aug 75
NTIS/PS-75/631/2GSB
- Night Vision Devices (124) Aug 75
NTIS/PS-75/647/8GSB
- Explosives and Narcotics Detection Using Dogs (29) Sep 75
NTIS/PS-75/648/6GSB
- Guerrilla Warfare (147) Sep 75
NTIS/PS-75/699/9GSB
- Civil Insurgency (97) Sep 75
NTIS/PS-75/700/5GSB

Insurgency and Counterinsurgency in Military Affairs (142) Sep 75
NTIS/PS-75/701/3GSB

Riots and Riot Control (127) Sep 75
NTIS/PS-75/730/2GSB

Chemical and Biological Warfare. Part 1. Detection and Warning Systems (87) Nov 75
NTIS/PS-75/832/6GSB

Chemical and Biological Warfare. Part 2. Protection, Decontamination, and Disposal (122) Nov 75
NTIS/PS-75/833/4GSB

Chemical and Biological Warfare. Part 3. Biology, Chemistry, Therapy, and Toxicology (115) Oct 75 Excludes the biochemistry and therapy of cholinesterase inhibitors
NTIS/PS-75/834/2GSB

Chemical and Biological Warfare. Part 4. Defoliants and Herbicides (126) Nov 75
NTIS/PS-75/835/9GSB

Chemical and Biological Warfare. Part 5. General Studies (147) Nov 75 Covers warfare planning, civil defense, aerial dissemination, containers, and delivery systems
NTIS/PS-75/836/7GSB

Biochemistry and Therapy of Cholinesterase Inhibitors (139) Nov 75 Primarily covers organophosphorus nerve agents
NTIS/PS-75/837/5GSB

Camouflage (133) Feb 76
NTIS/PS-76/0079/4GSB

Deterrence and Detente (107) Mar 76
NTIS/PS-76/0178/4GSB

Missile Technology

Inertial Navigation and Guidance (208) Apr 74
NTIS/PS-75/436/6GSB

Natural Resources

Structural Geologic Studies (88)
DELETE
COM-73-11802/8GSB

Remote Sensing for Natural Resource, Environmental, and Regional Planning (91) 1973-Jan 75
NTIS/PS-75/104/0GSB

Coal Mine Waste (51) Dec 74
NTIS/PS-75/112/3GSB

Mine Ventilation (66) Jan 75
NTIS/PS-75/196/6GSB

Oil Recovery (86) Jan 75 Excludes offshore drilling
NTIS/PS-75/254/3GSB

Seismic Detection. Part 1. General Studies (82) Jan 75 Excludes detection of nuclear events.
NTIS/PS-75/326/9GSB

Aeration of Sewage Lagoons, Reservoirs, and Streams (157) Apr 75
NTIS/PS-75/357/4GSB

Oil Shale (137) Apr 75
NTIS/PS-75/362/4GSB

Public Opinion and Sociology of Water Resource Development (82) 1970-Apr 75
NTIS/PS-75/373/1GSB

Planning and Impact of Water Resource Programs (210) 1972-Apr 75
NTIS/PS-75/374/9GSB

Biochemical Oxygen Demand (262) Mar 75
NTIS/PS-75/375/6GSB

Geothermal Energy (148) Apr 75
NTIS/PS-75/377/2GSB

Underwater Construction and Mining (127) May 75
NTIS/PS-75/392/1GSB

Effects of Land Use and Urbanization on Water Resources (94) 1971-May 75
NTIS/PS-75/401/0GSB

Salt Marshes (92) May 75
NTIS/PS-75/426/7GSB

Water Quality Modeling--Hydrological and Limnological Systems (213) Jun 75
NTIS/PS-75/441/6GSB

Sport Fishing (150) Jun 75
NTIS/PS-75/468/9GSB

Forest Management (85) Jun 75
NTIS/PS-75/483/8GSB

Eutrophication. Vol 1. 1964-1973 (194) Jun 75
NTIS/PS-75/522/3GSB

Eutrophication. Vol 2. 1974-June 1975 (86) Jun 75
NTIS/PS-75/523/1GSB

Offshore Drilling (116) Jun 75 Excludes environmental impacts
NTIS/PS-75/540/5GSB

Flood Control (258) 1972-Jun 75
NTIS/PS-75/552/0GSB

Water Rights and Water Law. Vol 2. 1974-1975 (99) July 75
NTIS/PS-75/558/7GSB

Water Rights and Water Law. Vol 1. 1964-1973 (122) July 75
NTIS/PS-75/559/5GSB

Mine Safety. Part 1. Fires and Explosions (81) Jun 75
NTIS/PS-75/562/9GSB

Mine Safety. Part 2. Communication and Position Finding Systems (53) June 1975
NTIS/PS-75/563/7GSB

Mine Safety. Part 3. Occupational Health--General Studies (110) Jun 75
NTIS/PS-75/564/5GSB

Mine Safety. Part 4. Occupational Health--Radioactivity (49) Jun 75
NTIS/PS-75/565/2GSB

Mine Safety. Part 5. General Studies (121) Jun 75 Excludes fire safety, communication systems, and health studies
NTIS/PS-75/566/0GSB

Coal Beneficiation (71) Jul 75
NTIS/PS-75/593/4GSB

Urban Storm Sewers and Water Runoff. Vol 2. 1974-Jun 1975. (105) Jul 75
NTIS/PS-75/602/3GSB

Urban Storm Sewers and Water Runoff. Vol 1. 1964-1973 (177) Jul 75
NTIS/PS-75/603/1GSB

Automatic Acquisition of Water Quality Data (140) 1970-Jul 75
NTIS/PS-75/639/5GSB

Agricultural Resources Surveys (81) Aug 75
NTIS/PS-75/668/4GSB

Network Flows (138) Sep 75 Includes Applied Studies
NTIS/PS-75/694/0GSB

Water Quality Management in Estuaries and Coastal Zones (214) Sep 75 Excludes specific biological and oceanographic studies
NTIS/PS-75/698/1GSB

Acid Mine Drainage (150) Sep 75
NTIS/PS-75/714/6GSB

Snow Studies (252) Sep 75
NTIS/PS-75/719/5GSB

Weather Modification Effects and Management (117) Sep 75 Excludes theory and physics of cloud seeding and nucleation
NTIS/PS-75/722/9GSB

Mohole Project. Part 1. Drilling Platform (153) Sep 75
NTIS/PS-75/724/5GSB

Mohole Project. Part 2. Drilling Section (269) Sep 75
NTIS/PS-75/725/2GSB

Mohole Project. Part 3. Positioning and Reentry Systems (86) Sep 75
NTIS/PS-75/726/0GSB

Mohole Project. Part 4. General Studies (132) Sep 75
NTIS/PS-75/727/8GSB

Water Resources in Arid and Semiarid Regions (68) Sep 75
NTIS/PS-75/737/7GSB

Ground Water Pollution. Part 1. General Studies (193) Sep 75 Excludes studies dealing with irrigation and fertilization
NTIS/PS-75/739/3GSB

Ground Water Pollution. Part 2. Pollution From Irrigation and Fertilization (178) Sep 75
NTIS/PS-75/740/1GSB

Ground Water Pollution. Part 3. Saline Ground Water (90) Sep 75
NTIS/PS-75/741/9GSB

Strip Mining (145) Oct 75
NTIS/PS-75/751/8GSB

Environmental and Ecological Effects of Dredging (136) Oct 75
NTIS/PS-75/755/9GSB

Seismology (180) 1974-Oct 75 Excludes underground explosion detection
NTIS/PS-75/769/0GSB

Range Finders (114) Nov 75
NTIS/PS-75/812/8GSB

Development of Forest Industries (109) Nov 75
NTIS/PS-75/827/6GSB

Magnetometers (162) Nov 75 Includes only equipment studies
NTIS/PS-75/830/0GSB

- Sediment Transport in Rivers (85) Nov 75
NTIS/PS-75/848/2GSB
- Paleoclimatology (66) Nov 75
NTIS/PS-75/851/6GSB
- Paleomagnetism (97) Nov 75
NTIS/PS-75/852/4GSB
- Forest Watersheds (91) Nov 75
NTIS/PS-75/856/5GSB
- Reservoir and Lake Sedimentation (105) Dec 75
NTIS/PS-75/886/2GSB
- Sediment-Water Interactions and Their Effects Upon Water Quality (106) Jan 76 Excludes salt water studies
NTIS/PS-76/0021/6GSB
- Time Series Forecasting and Prediction (117) Jan 76 Includes studies on hydrology, meteorology, management, and energy among others
NTIS/PS-76/0031/5GSB
- Coal Mine Waste (78) Feb 76
NTIS/PS-76/0053/9GSB
- Instrumentation and Data Processing Used in the Earth Resources Technology Satellite (157) 1974-Jan 76
NTIS/PS-76/0055/4GSB
- Biological Productivity in Fresh Water Environments (140) Jan 76
NTIS/PS-76/0056/2GSB
- Permafrost. Part 1. General Studies (113) Feb 76
NTIS/PS-76/0069/5GSB
- Permafrost. Part 2. Structural Engineering (188) Feb 76
NTIS/PS-76/0070/3GSB
- Permafrost Engineering (171) Feb 76 (E)
NTIS/PS-76/0071/1GSB
- Tectonics. Vol 1. 1973-1974 (170) Feb 76
NTIS/PS-76/0091/9GSB
- Tectonics. Vol 2. 1975-January 1976 (86) Feb 76
NTIS/PS-76/0092/7GSB
- Thermal Pollution. Part 3. Hydrology and Hydrodynamics (177) Mar 76
NTIS/PS-76/0130/5GSB
- ## Navigation, Guidance and Control
- Omega Navigation System (129) Jan 75
NTIS/PS-75/151/1GSB
- Inertial Navigation and Guidance (208) Apr 74
NTIS/PS-75/436/6GSB
- Air Traffic Control Simulation Models (185) Jun 75
NTIS/PS-75/521/5GSB
- Aerospace Computer Systems. Part 1. Avionic Applications (158) Jan 76
NTIS/PS-76/0042/2GSB
- Aerospace Computer Systems. Part 2. Spacecraft and Guided Missile Applications (154) Jan 76
NTIS/PS-76/0043/0GSB

Non-Destructive Testing

- Holographic Flow Visualization (53) Jan 75
NTIS/PS-75/115/6GSB
- Schlieren and Shadowgraph Photography (149) Jan 75
NTIS/PS-75/117/2GSB
- Nondestructive Ultrasonic Testing and Inspection. Vol. 1. 1964-1971 (188) Jan 75
NTIS/PS-75/270/9GSB
- Nondestructive Ultrasonic Testing and Inspection. Vol. 2. 1972-1974 (165) Jan 75
NTIS/PS-75/271/7GSB
- Applications of Holography (230) Jun 75 Excludes flow visualization and acoustic holography
NTIS/PS-75/431/7GSB
- Acoustic Holography (92) Jun 75
NTIS/PS-75/432/5GSB
- Holographic Theory and Recording Techniques (150) Jun 75 Excludes acoustic holography and applications
NTIS/PS-75/433/3GSB
- Motor Vehicle Tires: Skid and Wear Resistance; Nondestructive Tests; Safety (139) Jun 75
NTIS/PS-75/533/0GSB
- Hot Wire Anemometry. Vol 1. 1964-1970 (71) Aug 75
NTIS/PS-75/662/7GSB
- Hot Wire Anemometry. Vol 2. 1971-July 1975 (87) Aug 75
NTIS/PS-75/663/5GSB
- Hot Film Anemometry (32) Aug 75
NTIS/PS-75/664/3GSB
- Nondestructive Testing: X-ray Photography and X-ray Radiography (125) Aug 75
NTIS/PS-75/666/8GSB
- Nondestructive Testing of Pavements and Pavement Bases (80) Jan 76
NTIS/PS-76/0062/0GSB
- ## Nuclear Science and Technology
- Nuclear Medicine (218) Jan 75
NTIS/PS-75/213/9GSB
- Seismic Detection. Part 2. Nuclear Events--1970-1972--Vol. 1. (135) Jan 75
NTIS/PS-75/327/7GSB
- Seismic Detection. Part 2. Nuclear Events--1973-1974--Vol. 2. (124) Jan 75
NTIS/PS-75/328/5GSB
- Radioactivity from Nuclear Power Plants (227) May 75
NTIS/PS-75/429/1GSB
- Mine Safety. Part 4. Occupational Health--Radioactivity (49) Jun 75
NTIS/PS-75/565/2GSB

Ocean Technology and Engineering

- Foundations in Marine Environments (64) Dec 74
NTIS/PS-75/255/0GSB
- Underwater Medicine and Physiology (191) Jan 75
NTIS/PS-75/278/2GSB
- Shipborne Containers and Containerization (100) Jan 75
NTIS/PS-75/284/0GSB
- Aquaculture. Part 1. Fish (212) Feb 75 Excludes studies on salmon
NTIS/PS-75/304/6GSB
- Aquaculture. Part 2. Shellfish (129) Feb 75
NTIS/PS-75/305/3GSB
- Ecology of the Marine Environment (205) Feb 75
NTIS/PS-75/329/3GSB
- Surface Effect Vehicles/Ships in Marine Environments (108) Jan 75
NTIS/PS-75/332/7GSB
- Underwater Construction and Mining (127) May 75
NTIS/PS-75/392/1GSB
- Ocean Wave Sensors (129) May 75
NTIS/PS-75/413/5GSB
- Sewage Effects In Marine and Estuarine Environments (136) May 75
NTIS/PS-75/430/9GSB
- Marine Fouling (140) 1969-Jun 75
NTIS/PS-75/442/4GSB
- Remote Sensing of the Ocean. Part 1. Physical, Chemical, and Geological Properties (147) 1970-Apr 75
NTIS/PS-75/446/5GSB
- Remote Sensing of the Ocean. Part 2. Dynamics (87) 1970-Apr 75
NTIS/PS-75/447/3GSB
- Ocean Waste Disposal (164) May 75 Excludes thermal effluents
NTIS/PS-75/462/2GSB
- Natural Gas. Part 2. Marine Transportation (44) May 75
NTIS/PS-75/464/8GSB
- Supertankers and Superports (81) Jun 75 Includes environmental considerations
NTIS/PS-75/510/8GSB
- The Gulf Stream (110) Jun 75
NTIS/PS-75/525/6GSB
- Offshore Drilling (116) Jun 75 Includes environmental impacts
NTIS/PS-75/540/5GSB
- Oil Spill Removal (202) Jun 74
NTIS/PS-75/542/1GSB
- Breakwaters (186) Jun 75
NTIS/PS-75/553/8GSB
- Oil Pollution Detection and Sensing (176) Jul 75
NTIS/PS-75/595/9GSB
- Offshore Structures (110) Aug 75
NTIS/PS-75/684/1GSB
- Water Quality Management in Estuaries and Coastal Zones (214) Sep 75 Excludes specific biological and oceanographic studies
NTIS/PS-75/698/1GSB

Oil Water Separators (89) Sep 75
 Primarily concerns ballast water and oil spill separation
NTIS/PS-75/710/4GSB
 Ocean Law (163) Sep 75
NTIS/PS-75/712/0GSB
 Oyster Utilization, Biology, and Growth (205) Sep 75
NTIS/PS-75/718/7GSB
 Mohole Project. Part 1. Drilling Platform (153) Sep 75
NTIS/PS-75/724/5GSB
 Mohole Project. Part 2. Drilling Section (269) Sep 75
NTIS/PS-75/725/2GSB
 Mohole Project. Part 3. Positioning and Reentry Systems (86) Sep 75
NTIS/PS-75/726/0GSB
 Mohole Project. Part 4. General Studies (132) Sep 75
NTIS/PS-75/727/8GSB
 Marine Anchors (106) Oct 75
NTIS/PS-75/763/3GSB
 Marine Propellers: Fluid Mechanics and Mechanical Properties (145) Oct 75
 Excludes propeller cavitation
NTIS/PS-75/767/4GSB
 Marine Propellers: Design and Fabrication (92) Oct 75
NTIS/PS-75/768/2GSB
 Underwater Voice Communication Systems (92) Oct 75
NTIS/PS-75/773/2GSB
 Underwater Breathing Apparatus (147) Oct 75
NTIS/PS-75/774/0GSB
 Underwater Clothing, Tools, and Equipment (164) Oct 75
 Excludes breathing apparatus
NTIS/PS-75/775/7GSB
 Shipboard Sewage Treatment (48) Oct 75
NTIS/PS-75/788/0GSB
 Tsunamis (143) Oct 75
NTIS/PS-75/810/2GSB
 Paleoclimatology (66) Nov 75
NTIS/PS-75/851/6GSB
 Paleomagnetism (97) Nov 75
NTIS/PS-75/852/4GSB
 Shark Behavior and Biology (68) Dec 75
NTIS/PS-75/869/8GSB
 Icebreakers and Icebreaking (112) Dec 75
NTIS/PS-75/872/2GSB

 Biodegradation of Oil Spills (99) Jan 76
NTIS/PS-76/0032/3GSB
 The Biological Effects of Oil Spills (142) Jan 76
 Excludes biodegradation
NTIS/PS-76/0033/1GSB
 Sea Water Corrosion (208) Feb 76
NTIS/PS-76/0058/8GSB
 Recreational Boating (128)
NTIS/PS-76/0060/4GSB
 Tectonics. Vol 1. 1973-1974 (170) Feb 76
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Tectonics. Vol 2. 1975-January 1976 (86) Feb 76
NTIS/PS-76/0092/7GSB
 Whales (115) Feb 76
NTIS/PS-76/0111/5GSB
 Thermal Pollution. Part 1. Control Techniques and General Studies (116) Mar 76
 Excludes waste heat utilization studies
NTIS/PS-76/0127/1GSB
 Thermal Pollution. Part 2. Biological Effects. Vol 1. 1964-1973 (132) Mar 76
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 Thermal Pollution. Part 2. Biological Effects. Vol 2. 1974-March 1976 (132) Mar 76
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 Thermal Pollution. Part 3. Hydrology and Hydrodynamics (177) Mar 76
NTIS/PS-76/0130/5GSB
 Cavitation. Part 2. Hydrofoils (118) Mar 76
NTIS/PS-76/0165/1GSB
 Cavitation. Part 5. Propeller Cavitation (87) Mar 76
NTIS/PS-76/0168/5GSB
Ordnance
 Lightweight Armor (106) Jan 75
NTIS/PS-75/136/2GSB
 Intrusion and Weapon Detection: Crime Prevention (77) Nov 75
 Divided into two parts- civil development and military development with civil possibilities
NTIS/PS-75/809/4GSB
 Lightweight Armor (123) Feb 76
NTIS/PS-76/0106/5GSB
Photography and Recording Devices
 Holographic Flow Visualization (53) Jan 75
NTIS/PS-75/115/6GSB
 Flow Visualization (106) Jan 75
 Excludes shadowgraph, schlieren, and holographic techniques
NTIS/PS-75/116/4GSB
 Schlieren and Shadowgraph Photography (149) Jan 75
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 Acoustic Surface Waves. Vol. 1. 1964-1972 (75) Jan 75
NTIS/PS-75/248/5GSB
 Acoustic Surface Waves. Vol. 2. 1973-1974 (137) Jan 75
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 Heat Pipes. Vol 1. 1964-1972 (175) Feb 75
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 Heat Pipes. Vol 2. 1973-1974 (122) Feb 75
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 Nonlinear Acoustics (71) Apr 75
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 Amorphous Semiconductors (224) Oct 73 -Dec 74
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 Radiative Damage of Laser Materials (143) Apr 75
NTIS/PS-75/399/6GSB
 Light Detection and Ranging(LIDAR) (191) May 75
NTIS/PS-75/402/8GSB
 Light Communication Systems (151) Apr 75
NTIS/PS-75/412/7GSB
 Light Emitting Diodes (159) Apr 75
NTIS/PS-75/415/0GSB
 Fiber Optics (147) 1969-May 75
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 Structural Mechanics Software (185) May 75
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 Applications of Holography (230) Jun 75
 Excludes flow visualization and acoustic holography
NTIS/PS-75/431/7GSB
 Acoustic Holography (92) Jun 75
NTIS/PS-75/432/5GSB
 Holographic Theory and Recording Techniques (150) Jun 75
 Excludes acoustic holography and applications
NTIS/PS-75/433/3GSB
 Nondestructive Testing: X-ray Photography and X-ray Radiography (125) Aug 75
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 Printers (105) Dec 75
 Includes computer printers, contact printers, projection printers, and printer readers
NTIS/PS-75/865/6GSB

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Infrared Upconversion (48) Dec 74
NTIS/PS-75/075/2GSB
 Holographic Flow Visualization (53) Jan 75
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 Flow Visualization (106) Jan 75
 Excludes shadowgraph, schlieren, and holographic techniques
NTIS/PS-75/116/4GSB
 Schlieren and Shadowgraph Photography (149) Jan 75
NTIS/PS-75/117/2GSB
 Use of Ultrasonics in Manufacturing Procedures (89) Dec 74
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 Acoustic Surface Waves. Vol. 1. 1964-1972 (75) Jan 75
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 Acoustic Surface Waves. Vol. 2. 1973-1974 (137) Jan 75
NTIS/PS-75/249/3GSB
 Heat Pipes. Vol 1. 1964-1972 (175) Feb 75
NTIS/PS-75/316/0GSB
 Heat Pipes. Vol 2. 1973-1974 (122) Feb 75
NTIS/PS-75/317/8GSB
 Nonlinear Acoustics (71) Apr 75
NTIS/PS-75/351/7GSB
 Amorphous Semiconductors (224) Oct 73 -Dec 74
NTIS/PS-75/368/1GSB
 Radiative Damage of Laser Materials (143) Apr 75
NTIS/PS-75/399/6GSB
 Light Detection and Ranging(LIDAR) (191) May 75
NTIS/PS-75/402/8GSB
 Light Communication Systems (151) Apr 75
NTIS/PS-75/412/7GSB
 Light Emitting Diodes (159) Apr 75
NTIS/PS-75/415/0GSB
 Fiber Optics (147) 1969-May 75
NTIS/PS-75/420/0GSB
 Structural Mechanics Software (185) May 75
NTIS/PS-75/428/3GSB
 Applications of Holography (230) Jun 75
 Excludes flow visualization and acoustic holography
NTIS/PS-75/431/7GSB
 Acoustic Holography (92) Jun 75
NTIS/PS-75/432/5GSB
 Holographic Theory and Recording Techniques (150) Jun 75
 Excludes acoustic holography and applications
NTIS/PS-75/433/3GSB
 Magnetohydrodynamic Generators in Power Generation (105) May 75
NTIS/PS-75/448/1GSB
 Ferrite Microwave Electronics. Vol 1. 1964-1969 (221) Apr 75
NTIS/PS-75/457/2GSB
 Ferrite Microwave Electronics. Vol 2. 1970-Apr 75 (105) Apr 75
NTIS/PS-75/458/0GSB

Stress Crack Phenomena (186) Jun 75 Excludes rock mechanics and mathematical analysis NTIS/PS-75/465/5GSB	Cadmium Sulfide Solar Cells (181) Sep 75 NTIS/PS-75/693/2GSB	Frequency Allocation and Management (147) Jan 76 NTIS/PS-76/0054/7GSB
Mathematical Analysis of Stress Cracks. Vol 1. 1964-1973 (207) June 75 NTIS/PS-75/466/3GSB	Hydrogen Fluoride and Deuterium Fluoride Lasers (188) Sep 75 NTIS/PS-75/733/6GSB	Schottky Barrier Devices (181) Jan 76 NTIS/PS-76/0065/3GSB
Mathematical Analysis of Stress Cracks. Vol 2. 1974-May 75 (109) June 75 NTIS/PS-75/467/1GSB	Ultraviolet and X Ray Lasers (132) Sep 75 NTIS/PS-75/738/5GSB	Schottky Barrier Devices (127) 1975 (Ei) NTIS/PS-76/0066/1GSB
Carbon Dioxide Lasers. Vol 1. 1970-1974 (266) Jun 75 NTIS/PS-75/473/9GSB	Electroluminescent Display Devices (114) Sep 75 NTIS/PS-75/742/7GSB	Aircraft Wake Vortices (177) Feb 76 NTIS/PS-76/0072/9GSB
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NTIS/PS-75/607/2GSB
- Air pollution control, Scrubbers**
NTIS/PS-75/163/6GSB
NTIS/PS-76/0050/5GSB
NTIS/PS-76/0051/3GSB
NTIS/PS-76/0052/1GSB
- Air pollution control, Sulfur dioxide**
NTIS/PS-75/455/6GSB
NTIS/PS-75/456/4GSB
- Air pollution control, Textile industry**
NTIS/PS-75/729/4GSB
- Air pollution, Corrosion**
NTIS/PS-75/760/9GSB
- Air pollution detection, Exhaust gases**
NTIS/PS-75/310/3GSB
- Air pollution detection, Flue gases**
NTIS/PS-75/828/4GSB
- Air pollution detection, Nitrogen oxides**
NTIS/PS-75/608/0GSB
- Air pollution detection, Optical radar**
NTIS/PS-75/402/8GSB
- Air pollution, Diesel engine exhaust**
NTIS/PS-76/0007/5GSB
- Air pollution economics**
NTIS/PS-75/535/5GSB
- Air pollution effects, Lead(Metal)**
NTIS/PS-76/0097/6GSB
- Air pollution effects, Nitrogen oxides**
NTIS/PS-75/610/6GSB
- Air pollution effects(Materials)**
NTIS/PS-75/760/9GSB
- Air pollution effects(Plants)**
NTIS/PS-76/0015/8GSB
- Air pollution, Emission factors**
NTIS/PS-75/410/1GSB

Air pollution, Fly ash NTIS/PS-75/646/0GSB	Aircraft landings, Aircraft noise NTIS/PS-75/762/5GSB	Ambulatory health care NTIS/PS-75/341/8GSB NTIS/PS-75/419/2GSB
Air pollution, Industrial medicine NTIS/PS-75/800/3GSB	Aircraft, Remote control NTIS/PS-75/876/3GSB	American Indians NTIS/PS-75/703/9GSB
Air pollution, Lead(Metal) NTIS/PS-76/0073/7GSB	Aircraft, Sonic boom NTIS/PS-76/0175/0GSB	Amorphous semiconductors NTIS/PS-75/368/1GSB
Air pollution, Mercury NTIS/PS-75/209/7GSB	Aircraft wakes, Vortices NTIS/PS-76/0072/9GSB	Amplifiers, Transistor amplifiers NTIS/PS-75/288/1GSB
Air pollution, Metal industry NTIS/PS-75/383/0GSB	Aircraft, Wind shear NTIS/PS-75/874/8GSB	Anchors(Marine), Embedment NTIS/PS-75/763/3GSB
Air pollution, Monitoring NTIS/PS-75/529/8GSB	Airfields, Durability NTIS/PS-75/518/1GSB NTIS/PS-75/519/9GSB NTIS/PS-75/520/7GSB	Anemias, Sickle cell anemia NTIS/PS-75/515/7GSB
Air pollution, Nitrogen oxides NTIS/PS-75/611/4GSB	Airplane noise, Airport NTIS/PS-75/530/6GSB	Anemometry, Hot film anemometry NTIS/PS-75/664/3GSB
Air pollution, Nuclear power plants NTIS/PS-75/429/1GSB	Airport capacity, Peaking NTIS/PS-75/376/4GSB	Anemometry, Hot wire anemometry NTIS/PS-75/662/7GSB NTIS/PS-75/663/5GSB
Air pollution, Odors NTIS/PS-75/723/7GSB	Airport congestion, Density NTIS/PS-75/376/4GSB	Animal behavior, Sonic boom NTIS/PS-76/0177/6GSB
Air pollution, Particle analysis NTIS/PS-75/527/2GSB	Airports, Air traffic NTIS/PS-75/376/4GSB	Animal ecology, Endangered species NTIS/PS-75/881/3GSB
Air pollution, Precipitation washout NTIS/PS-75/517/3GSB	Airports, Demands needs NTIS/PS-76/0045/5GSB	Animal wastes, Water pollution control NTIS/PS-75/531/4GSB
Air pollution, Silicates and asbestos NTIS/PS-75/746/8GSB	Airports, Fog dispersal NTIS/PS-75/750/0GSB	Antarctic, Construction NTIS/PS-75/394/7GSB
Air pollution, Stratospheric chemistry NTIS/PS-76/0029/9GSB	Airports, Noise pollution NTIS/PS-75/530/6GSB	Antenna arrays NTIS/PS-75/302/0GSB NTIS/PS-75/303/8GSB
Air pollution, Tracer studies NTIS/PS-76/0144/6GSB	Airports, Offshore NTIS/PS-75/684/1GSB	Antenna arrays, Phased arrays NTIS/PS-75/337/6GSB NTIS/PS-75/338/4GSB
Air pollution, Urban planning NTIS/PS-75/545/4GSB	Alcohol ingestion, Drinking drivers NTIS/PS-75/505/8GSB	Antennas, Portable radio NTIS/PS-75/547/0GSB
Air pollution, Urban planning financing NTIS/PS-75/202/2GSB	Alcoholism NTIS/PS-75/506/6GSB	Anthropometry NTIS/PS-75/629/6GSB
Air quality maintenance, Urban planning NTIS/PS-75/545/4GSB	Algebraic equations, Computations NTIS/PS-75/485/3GSB	Antifouling coatings NTIS/PS-75/442/4GSB
Air traffic control, Beacons NTIS/PS-76/0039/8GSB	All volunteer military services, Planning NTIS/PS-75/621/3GSB	Antilinkage devices, Sensors NTIS/PS-75/809/4GSB
Air traffic control, En route models NTIS/PS-75/521/5GSB	Allergenic extracts NTIS/PS-75/578/5GSB NTIS/PS-75/579/3GSB	Antimalarials NTIS/PS-75/307/9GSB NTIS/PS-75/308/7GSB
Air traffic control, Microwave landing NTIS/PS-75/417/6GSB	Allergic diseases NTIS/PS-75/578/5GSB NTIS/PS-75/579/3GSB	Antineoplastic agents NTIS/PS-75/509/0GSB
Air traffic, Models NTIS/PS-75/521/5GSB	Alphanumeric symbols, Character recogniti NTIS/PS-75/892/0GSB	Antiradar coatings, Camouflage NTIS/PS-76/0079/4GSB
Air traffic, Queueing theory NTIS/PS-75/376/4GSB	Altitude, Hypoxia NTIS/PS-75/237/8GSB	Antisolar coatings, Camouflage NTIS/PS-76/0079/4GSB
Air transportation, Demands needs NTIS/PS-76/0045/5GSB	Aluminum alloys, Cryogenics NTIS/PS-75/192/5GSB	Applied psychology, Industrial psychology NTIS/PS-75/839/1GSB
Air transportation, Fuel consumption NTIS/PS-75/342/6GSB	Aluminum, Cryogenics NTIS/PS-75/192/5GSB	Aquaculture, Fertilizers NTIS/PS-75/599/1GSB
Air water interactions, Wind shear NTIS/PS-75/874/8GSB	Aluminum, Powder Metallurgy NTIS/PS-75/697/3GSB	Aquaculture, Fishes NTIS/PS-75/304/6GSB
Airborne/spaceborne computers NTIS/PS-76/0042/2GSB NTIS/PS-76/0043/0GSB	Ambulatory care NTIS/PS-75/341/8GSB	
Aircraft, Air pollution NTIS/PS-75/491/1GSB		

Aquaculture, Salmon NTIS/PS-75/306/1GSB	Atmospheric diffusion, Warfare agents NTIS/PS-75/836/7GSB	Automobile insurance NTIS/PS-75/605/6GSB
Aquaculture, Shellfish NTIS/PS-75/305/3GSB	Atmospheric models, Air pollution NTIS/PS-75/476/2GSB	Automobile operators, Behavior NTIS/PS-75/619/7GSB
Aquatic biology, Thermal pollution NTIS/PS-76/0128/9GSB NTIS/PS-76/0129/7GSB	Atmospheric motion, Air pollution tracers NTIS/PS-76/0144/6GSB	Automobile operators, Stress NTIS/PS-75/620/5GSB
Aquatic plants, Weed control NTIS/PS-75/581/9GSB	Atmospheric motion, Automobile exhaust NTIS/PS-75/314/5GSB	Automobile tires, Safety NTIS/PS-75/533/0GSB
Aquatic weed control NTIS/PS-75/581/9GSB	Atmospheric motion, Wind shear NTIS/PS-75/874/8GSB	Automobiles, Air bag restraints NTIS/PS-76/0024/0GSB
Aquifers, Water pollution NTIS/PS-75/739/3GSB	Atmospheric precipitation, Washout NTIS/PS-75/517/3GSB	Automobiles, Air pollution control NTIS/PS-75/311/1GSB
Archaeology NTIS/PS-75/859/9GSB	Atmospheric scattering, Laser beams NTIS/PS-75/670/0GSB	Automobiles, Bumpers NTIS/PS-75/736/9GSB
Arctic regions, Construction NTIS/PS-75/394/7GSB	Atmospheric sounding, Acoustic radar NTIS/PS-75/641/1GSB	Automobiles, Electric automobiles NTIS/PS-75/490/3GSB
Arid land, Water resources NTIS/PS-75/737/7GSB	Atomic clocks, Frequency standards NTIS/PS-75/765/8GSB	Automobiles, Fuel consumption NTIS/PS-75/342/6GSB
Armor, Lightweight armor NTIS/PS-75/136/2GSB NTIS/PS-76/0106/5GSB	Altitude surveys, Black-white relations NTIS/PS-75/842/5GSB NTIS/PS-75/843/3GSB	Automobiles, Impact tests NTIS/PS-75/651/0GSB
Arms control NTIS/PS-75/393/9GSB	Altitude surveys, Highways NTIS/PS-76/0153/7GSB	Automobiles, Pedestrian safety NTIS/PS-75/660/1GSB
Army training, Flight simulation NTIS/PS-76/0068/7GSB	Altitudes, Military personnel NTIS/PS-75/298/0GSB	Automobiles, Restraints NTIS/PS-75/735/1GSB
Arteriosclerosis NTIS/PS-76/0117/2GSB NTIS/PS-76/0118/0GSB	Altitudes, Water resources NTIS/PS-75/373/1GSB	Automotive fuels NTIS/PS-75/313/7GSB
Artificial Intelligence NTIS/PS-75/397/0GSB	Audiovisual education, Methodology NTIS/PS-75/685/8GSB	Avionics, Data processing equipment NTIS/PS-76/0042/2GSB
Artificial Intelligence, Robots NTIS/PS-75/731/0GSB	Auditory perception, Cetacea NTIS/PS-76/0008/3GSB	Bacteria, Water pollution NTIS/PS-76/0120/6GSB
Artificial kidneys NTIS/PS-75/418/4GSB	Autoimmune diseases NTIS/PS-75/578/5GSB NTIS/PS-75/579/3GSB	Ball bearings NTIS/PS-75/805/2GSB NTIS/PS-75/806/0GSB
Artificial limbs NTIS/PS-75/438/2GSB	Automata theory, Finite state machines NTIS/PS-75/707/0GSB	Ballast water, Oil water separators NTIS/PS-75/710/4GSB
Artificial precipitation, Effects NTIS/PS-75/722/9GSB	Automatic control NTIS/PS-75/503/3GSB NTIS/PS-75/504/1GSB	Band pass filters NTIS/PS-76/0145/3GSB NTIS/PS-76/0146/1GSB
Asbestos, Pollution NTIS/PS-75/746/8GSB	Automatic programming NTIS/PS-75/594/2GSB	Bargaining, Labor NTIS/PS-76/0124/8GSB
Asphaltic concrete, Pavements NTIS/PS-75/672/6GSB NTIS/PS-75/673/4GSB NTIS/PS-75/674/2GSB	Automation, Machines NTIS/PS-75/480/4GSB NTIS/PS-75/481/2GSB NTIS/PS-75/482/0GSB	BART, Bay area rapid transit NTIS/PS-75/421/8GSB
Assault, Behavior NTIS/PS-75/281/6GSB	Automobile engines, Air pollution control NTIS/PS-75/312/9GSB	Battery electrodes, Surface chemistry NTIS/PS-75/644/5GSB
Astigmatism, Nystagmus NTIS/PS-76/0143/8GSB	Automobile exhaust, Atmospheric motion NTIS/PS-75/314/5GSB	Beach erosion, Shore protection NTIS/PS-75/469/7GSB
Atmospheric attenuation, Laser beams NTIS/PS-75/670/0GSB	Automobile exhaust, Air pollution NTIS/PS-75/309/5GSB	Beacons, Air traffic control NTIS/PS-76/0039/8GSB
Atmospheric chemistry, NOx pollutants NTIS/PS-75/609/8GSB	Automobile exhaust, Gas analysis NTIS/PS-75/310/3GSB	Beam leads, Microelectronics NTIS/PS-75/246/9GSB
Atmospheric chemistry, Ozone NTIS/PS-76/0029/9GSB		Bearings, Ball bearings NTIS/PS-75/805/2GSB NTIS/PS-75/806/0GSB
Atmospheric diffusion, Air pollution NTIS/PS-75/476/2GSB		Bearings, Gas NTIS/PS-75/807/8GSB NTIS/PS-75/808/6GSB

Bearings, High temperature NTIS/PS-75/716/1GSB	Biomaterials NTIS/PS-75/487/9GSB NTIS/PS-75/488/7GSB	Books, Publishing NTIS/PS-76/0005/9GSB
Bearings, Journal bearings NTIS/PS-75/801/1GSB	Biomedical information systems NTIS/PS-75/419/2GSB NTIS/PS-75/891/2GSB	Boolean functions, Automata theory NTIS/PS-75/707/0GSB
Bearings, Liquids NTIS/PS-75/804/5GSB	Bionics NTIS/PS-75/396/2GSB	Boron fibers, Composite materials NTIS/PS-75/414/3GSB
Bearings, Roller bearings NTIS/PS-75/803/7GSB	Biotelemetry NTIS/PS-75/855/7GSB	Boron reinforced composites NTIS/PS-75/414/3GSB
Bearings, Sleeve bearings NTIS/PS-75/802/9GSB	Biphenyl/chloro NTIS/PS-75/713/8GSB	Boron reinforced plastics NTIS/PS-76/0064/6GSB
Bearings, Thrust bearings NTIS/PS-75/802/9GSB	Birth control NTIS/PS-75/880/5GSB	Boundary layer control, Fluid flow NTIS/PS-75/824/3GSB
Behavior, Adolescents NTIS/PS-75/232/9GSB	Black holes NTIS/PS-76/0134/7GSB	Boundary layer, Flow separation NTIS/PS-75/814/4GSB NTIS/PS-75/815/1GSB
Behavior, Criminology NTIS/PS-75/758/3GSB	Blind, Rehabilitation NTIS/PS-76/0028/1GSB	Boundary layer reattachment NTIS/PS-75/823/5GSB
Behavior, Fatigue NTIS/PS-76/0095/0GSB	Blindness NTIS/PS-75/427/5GSB	Boundary layer transition, Fluid dynamics NTIS/PS-75/816/9GSB NTIS/PS-75/817/7GSB NTIS/PS-75/818/5GSB
Behavior, Motor vehicle operators NTIS/PS-75/619/7GSB	Blindness, Handicapped persons NTIS/PS-75/427/5GSB	Breakthrough Operation, Housing NTIS/PS-75/571/0GSB
Behavior, Travel NTIS/PS-76/0025/7GSB NTIS/PS-76/0026/5GSB	Blindness, Vocational rehabilitation NTIS/PS-75/427/5GSB	Breakwaters NTIS/PS-75/553/8GSB
Beneficiation, Coal NTIS/PS-75/593/4GSB	Block design NTIS/PS-75/776/5GSB	Bridges, Construction NTIS/PS-75/888/8GSB
Beryllium, Pollution NTIS/PS-75/772/4GSB	Blood compatible materials NTIS/PS-75/487/9GSB NTIS/PS-75/488/7GSB	Bridges, Earthquake engineering NTIS/PS-75/632/0GSB NTIS/PS-75/633/8GSB
Bicycles NTIS/PS-75/787/2GSB	Blood diseases, Cancer NTIS/PS-75/339/2GSB	Bridges, Wind pressure NTIS/PS-75/870/6GSB
Bilge water, Oil water separators NTIS/PS-75/710/4GSB	Blood diseases, Hemophilia NTIS/PS-75/260/0GSB	Bromohydrocarbons, Toxicity NTIS/PS-75/387/1GSB
Biochemical oxygen demand NTIS/PS-75/375/6GSB	Blood diseases, Septicemia NTIS/PS-75/349/1GSB	Buildings, Earthquake engineering NTIS/PS-75/632/0GSB NTIS/PS-75/633/8GSB
Biochemistry, Chemical warfare agents NTIS/PS-75/834/2GSB	Blood preservation NTIS/PS-75/778/1GSB NTIS/PS-75/779/9GSB	Buildings, Fires NTIS/PS-75/652/8GSB
Biochemistry, Molecular biology NTIS/PS-76/0001/8GSB	Blood pressure, Diseases NTIS/PS-76/0179/2GSB	Buildings, Sonic boom NTIS/PS-76/0176/8GSB
Biodeterioration, Oil pollution NTIS/PS-76/0032/3GSB	Blood storage NTIS/PS-75/778/1GSB NTIS/PS-75/779/9GSB	Buildings, Wind pressure NTIS/PS-75/870/6GSB
Biofeedback NTIS/PS-75/885/4GSB	Blood transfusion, Hepatitis NTIS/PS-75/543/9GSB	Bulldozers, Construction equipment NTIS/PS-75/391/3GSB
Bioindicators NTIS/PS-75/796/3GSB	Boats, Recreational boating NTIS/PS-76/0060/4GSB	Bumpers, Automobiles NTIS/PS-75/736/9GSB
Biological pest control NTIS/PS-75/887/0GSB	Body armor NTIS/PS-75/136/2GSB NTIS/PS-76/0106/5GSB	Buoyancy systems, Mohole project NTIS/PS-75/724/5GSB
Biological productivity, Fresh water NTIS/PS-76/0056/2GSB	Boilers, Corrosion NTIS/PS-75/555/3GSB	Burns, Chemotherapy surgery NTIS/PS-76/0104/0GSB
Biological warfare agents, Biology NTIS/PS-75/834/2GSB	Bonding, Adhesives NTIS/PS-75/704/7GSB	Bus lines, Dial-a-ride NTIS/PS-75/665/0GSB
Biological warfare agents, Detection NTIS/PS-75/832/6GSB	Bonding, Diffusion NTIS/PS-75/771/6GSB	Bus transportation, Urban areas NTIS/PS-75/705/4GSB NTIS/PS-75/706/2GSB
Biological warfare agents, Dissemination NTIS/PS-75/836/7GSB		
Biological warfare agents, Protection NTIS/PS-75/833/4GSB		

Business, Minority groups NTIS/PS-75/845/8GSB	Cardiac assist devices NTIS/PS-75/423/4GSB NTIS/PS-75/424/2GSB	Cellular plastics NTIS/PS-75/635/3GSB
Cable television NTIS/PS-75/404/4GSB	Cardiac pacemakers NTIS/PS-75/423/4GSB NTIS/PS-75/424/2GSB	Cellular plastics, Polyurethane foams NTIS/PS-75/634/6GSB
Cadmium, Pollution NTIS/PS-75/681/7GSB	Cardiovascular diseases NTIS/PS-76/0117/2GSB NTIS/PS-76/0118/0GSB	Cement, Prestressing NTIS/PS-76/0098/4GSB
Cadmium sulfides, Solar cells NTIS/PS-75/693/2GSB	Cardiovascular diseases, Drivar NTIS/PS-75/620/5GSB	Cements, Construction materials NTIS/PS-75/390/5GSB
Camouflage NTIS/PS-76/0079/4GSB	Career development, Civilian personnel NTIS/PS-76/0116/4GSB	Central city, Redevelopment NTIS/PS-75/301/2GSB
Camping, Recreation NTIS/PS-76/0138/8GSB	Career development, Military personnel NTIS/PS-76/0115/6GSB	Ceramic materials, Fracture NTIS/PS-75/217/0GSB
Cancer, Blood diseases NTIS/PS-75/339/2GSB	Cargo ships, Containers NTIS/PS-75/284/0GSB	Ceramics, Lightweight armor NTIS/PS-75/136/2GSB NTIS/PS-76/0106/5GSB
Cancer, Drugs NTIS/PS-75/509/0GSB	Cargo transportation, Natural gas NTIS/PS-75/464/8GSB	Cetacea NTIS/PS-76/0111/5GSB
Cancer, Immunology NTIS/PS-75/222/0GSB	Cargo transportation, Railroads NTIS/PS-76/0169/3GSB	Cetacea, Auditory perception NTIS/PS-76/0008/3GSB
Cancer, Respiratory system NTIS/PS-75/841/7GSB	Cargo transportation, Security NTIS/PS-75/732/8GSB	Cetacea, Echolocation NTIS/PS-76/0008/3GSB
Cancer, Uranium mining NTIS/PS-75/565/2GSB	Cargo, Travel time NTIS/PS-76/0010/9GSB	Character recognition devices NTIS/PS-75/892/0GSB
Cancer, Viruses NTIS/PS-76/0172/7GSB	Cargo vehicles, Insurance NTIS/PS-75/605/6GSB	Charge coupled devices NTIS/PS-75/275/8GSB
Cancers, Cancer NTIS/PS-75/222/0GSB	Cascade flow, Compressors NTIS/PS-75/877/1GSB NTIS/PS-75/878/9GSB	Chars NTIS/PS-75/617/1GSB
Car pools, Urban transportation NTIS/PS-75/854/0GSB	Cascade structures, Fluid flow NTIS/PS-75/877/1GSB NTIS/PS-75/878/9GSB	Chemical analysis, Aerosols NTIS/PS-75/527/2GSB
Carbon NTIS/PS-75/182/6GSB	Casting, Iron alloys NTIS/PS-76/0142/0GSB	Chemical analysis, Archaeology NTIS/PS-75/859/9GSB
Carbon, Amorphous materials NTIS/PS-75/618/9GSB	Casting, Steels NTIS/PS-76/0142/0GSB	Chemical analysis, Electrochemical method NTIS/PS-75/627/0GSB
Carbon black NTIS/PS-75/617/1GSB	Catalytic reactors(Exhaust systems) NTIS/PS-75/311/1GSB	Chemical analysis, Ion specific electrode NTIS/PS-75/622/1GSB
Carbon composites NTIS/PS-75/614/8GSB	Cathodic protection, Corrosion prevention NTIS/PS-75/241/0GSB	Chemical analysis, Lubricating oils NTIS/PS-75/688/2GSB
Carbon dioxide lasers NTIS/PS-75/473/9GSB NTIS/PS-75/474/7GSB	Cavitation, Corrosion NTIS/PS-76/0166/9GSB	Chemical analysis, Nitrogen oxides NTIS/PS-75/608/0GSB
Carbon fibers NTIS/PS-75/612/2GSB NTIS/PS-75/613/0GSB	Cavitation, Fluid flow NTIS/PS-76/0163/6GSB NTIS/PS-76/0164/4GSB	Chemical analysis, Oil pollution NTIS/PS-75/595/9GSB
Carbon foams NTIS/PS-75/617/1GSB	Cavitation, Hydrofoils NTIS/PS-76/0165/1GSB	Chemical analysis, Steels NTIS/PS-75/289/9GSB
Carbon monoxide lasers NTIS/PS-75/658/5GSB	Cavitation, Propellers(Marine) NTIS/PS-76/0168/5GSB	Chemical analysis, Water pollution NTIS/PS-76/0037/2GSB NTIS/PS-76/0038/0GSB
Carbon reinforced plastics NTIS/PS-76/0064/6GSB	Cavitation, Turbines NTIS/PS-76/0167/7GSB	Chemical analysis, X ray fluorescence NTIS/PS-75/584/3GSB
Carbon, Research NTIS/PS-75/617/1GSB	Cavity flow NTIS/PS-76/0040/6GSB NTIS/PS-76/0041/4GSB	Chemical industry, Pollution NTIS/PS-75/541/3GSB
Carboranas, Chemistry NTIS/PS-75/597/5GSB	Cells(Biology), Radiation effects NTIS/PS-75/551/2GSB	Chemical lasers, Hydrogen fluoride NTIS/PS-75/733/6GSB
Carboranes, Polycarboranes NTIS/PS-75/554/6GSB		Chemical reactions, Silicone resins NTIS/PS-76/0057/0GSB
Carcinogens NTIS/PS-75/844/1GSB		

Chemical vapor deposition NTIS/PS-75/477/0GSB	Civil disturbances, Control NTIS/PS-75/730/2GSB	Coal mines, Mine ventilation NTIS/PS-75/196/6GSB
Chemical warfare agents, Biochemistry NTIS/PS-75/837/5GSB	Civil engineering, Dredge spoil NTIS/PS-75/755/9GSB	Coal mines, Occupational health • safety NTIS/PS-75/564/5GSB
Chemical warfare agents, Biology • chem. NTIS/PS-75/834/2GSB	Civil insurgency NTIS/PS-75/700/5GSB	Coal mines, Solid waste disposal NTIS/PS-75/112/3GSB NTIS/PS-76/0053/9GSB
Chemical warfare agents, Decontamination NTIS/PS-75/833/4GSB	Civilian personnel, Career development NTIS/PS-76/0116/4GSB	Coal mining, Strip mining NTIS/PS-75/751/8GSB
Chemical warfare agents, Defoliants NTIS/PS-75/835/9GSB	Clams, Aquaculture NTIS/PS-75/305/3GSB	Coal preparation NTIS/PS-75/593/4GSB
Chemical warfare agents, Detection NTIS/PS-75/832/6GSB	Cleaning agents, Surfactants NTIS/PS-76/0110/7GSB	Coal, Pyrite NTIS/PS-75/593/4GSB
Chemical warfare agents, Dissemination NTIS/PS-75/836/7GSB	Clear air turbulence NTIS/PS-75/761/7GSB	Coastal zone management, Water pollution NTIS/PS-75/698/1GSB
Chemical warfare agents, Waste disposal NTIS/PS-75/833/4GSB	Closed circuit television, Cable TV NTIS/PS-75/404/4GSB	Coasts, Salt marshes NTIS/PS-75/426/7GSB
Chemotherapeutic agents, Cancer NTIS/PS-75/509/0GSB	Closed loop control systems, Feedback con NTIS/PS-75/364/0GSB	Coatings, Chemical vapor deposition NTIS/PS-75/477/0GSB
Chemotherapy, Burns NTIS/PS-76/0104/0GSB	Closed loop systems, Feedback control NTIS/PS-75/364/0GSB	Coatings, Electrodeposition NTIS/PS-75/330/1GSB NTIS/PS-75/331/9GSB
Chlorohydrocarbons, Toxicity NTIS/PS-75/387/1GSB	Cloud seeding NTIS/PS-75/395/4GSB	Coatings, Plasma flame spraying NTIS/PS-76/0047/1GSB NTIS/PS-76/0048/9GSB NTIS/PS-76/0049/7GSB
Cholinesterase inhibitors NTIS/PS-75/837/5GSB	Cloud seeding, Effects and management NTIS/PS-75/722/9GSB	Coatings, Solar cells • collectors NTIS/PS-75/692/4GSB
Cholinesterase reactivators NTIS/PS-75/837/5GSB	Cloud seeding, Fog dispersal NTIS/PS-75/750/0GSB	Cobalt alloys Superalloys NTIS/PS-76/0107/3GSB
Chromosomes, Radiation effects NTIS/PS-75/551/2GSB	CNS disorders NTIS/PS-75/889/6GSB	Cobalt alloys, Superalloys NTIS/PS-76/0108/1GSB NTIS/PS-76/0109/9GSB
Chronic obstructive lung disease NTIS/PS-75/273/3GSB	CNS stimulants, Pharmacology NTIS/PS-75/489/5GSB	Coding, Shift registers NTIS/PS-75/879/7GSB
Chronic obstructive pulmonary disease NTIS/PS-75/273/3GSB	Coagulation, Wastewater treatment NTIS/PS-75/582/7GSB	Coke NTIS/PS-75/617/1GSB
Cigarette smoking NTIS/PS-76/0074/5GSB	Coal, Beneficiation NTIS/PS-75/593/4GSB	Cold injuries NTIS/PS-75/170/1GSB
Circuit protection, Overvoltage NTIS/PS-76/0119/8GSB	Coal combustion, Fluidized bed combustion NTIS/PS-76/0161/0GSB NTIS/PS-76/0162/8GSB	Cold stress NTIS/PS-75/170/1GSB
Circuits, Printed circuits NTIS/PS-76/0154/5GSB NTIS/PS-76/0155/2GSB NTIS/PS-76/0156/0GSB	Coal, Desulfurization NTIS/PS-75/381/4GSB	Cold weather construction NTIS/PS-75/394/7GSB
Citizen participation, Local government NTIS/PS-75/216/2GSB	Coal gasification NTIS/PS-75/385/5GSB NTIS/PS-75/386/3GSB	Cold weather, Stress NTIS/PS-75/170/1GSB
Citizen participation, Rehabilitation NTIS/PS-75/754/2GSB	Coal gasification, Environmental impacts NTIS/PS-75/371/5GSB	Coliform bacteria, Water pollution NTIS/PS-76/0120/6GSB
Citizen participation, Urban development NTIS/PS-75/570/2GSB	Coal liquefaction NTIS/PS-75/385/5GSB NTIS/PS-75/386/3GSB	Collective bargaining NTIS/PS-76/0124/8GSB
Citizen participation, Urban planning NTIS/PS-75/696/5GSB	Coal liquefaction, Environmental impacts NTIS/PS-75/371/5GSB	Collision avoidance, Aircraft NTIS/PS-75/671/8GSB
Civil aviation, Demands needs NTIS/PS-76/0045/5GSB	Coal mines, Mine fires NTIS/PS-75/562/9GSB	Collision avoidance, Marine transportatio NTIS/PS-75/671/8GSB
Civil defense, Warfare agents NTIS/PS-75/836/7GSB	Coal mines, Mine safety NTIS/PS-75/566/0GSB	Collision avoidance, Motor vehicles NTIS/PS-75/671/8GSB

Collision avoidance, Rail transportation NTIS/PS-75/671/8GSB	Composite materials, Carbon • graphite NTIS/PS-75/614/8GSB	Computer programming, Standards NTIS/PS-75/416/8GSB
Color vision NTIS/PS-76/0059/6GSB	Composite materials, Carbon • graphite fl NTIS/PS-75/612/2GSB NTIS/PS-75/613/0GSB	Computer programming, Structured program NTIS/PS-75/501/7GSB
Combined sewers NTIS/PS-75/602/3GSB NTIS/PS-75/603/1GSB	Composite materials, Metal matrix NTIS/PS-75/422/6GSB	Computer programs, Maintenance NTIS/PS-75/355/8GSB
Combustion, Fluidized bed processing NTIS/PS-76/0161/0GSB NTIS/PS-76/0162/8GSB	Composite materials, Reinforced plastics NTIS/PS-76/0063/8GSB NTIS/PS-76/0064/6GSB	Computer programs, Standards NTIS/PS-75/416/8GSB
Combustion, Plastics NTIS/PS-75/728/6GSB	Compumetrics NTIS/PS-75/753/4GSB	Computer programs, Structural analysis NTIS/PS-75/428/3GSB
Combustion products, Air pollution detect NTIS/PS-75/828/4GSB	Computational linguistics NTIS/PS-75/759/1GSB	Computer programs, Verification NTIS/PS-75/486/1GSB
Combustion products, Plastics NTIS/PS-75/728/6GSB	Computer aided diagnosis NTIS/PS-75/507/4GSB	Computer software, Avionics NTIS/PS-76/0042/2GSB
Communication and radio systems, Mobile NTIS/PS-75/546/2GSB	Computer aided Instruction NTIS/PS-75/556/1GSB NTIS/PS-75/557/9GSB	Computer software, Spaceborne NTIS/PS-76/0043/0GSB
Communication and radio systems, SSB NTIS/PS-75/449/9GSB	Computer applications, Computer graphics NTIS/PS-76/0077/8GSB NTIS/PS-76/0078/6GSB	Computer software, Trends NTIS/PS-75/657/7GSB
Communication equipment, Vcoders NTIS/PS-75/680/9GSB	Computer applications, Medicine NTIS/PS-75/507/4GSB	Computer storage devices, Magnetic domain NTIS/PS-75/686/6GSB
Communication systems, Coding NTIS/PS-75/398/8GSB		Computer storage devices, Management NTIS/PS-75/528/0GSB
Communication systems, Underground mines NTIS/PS-75/563/7GSB	Computer graphics NTIS/PS-75/158/6GSB NTIS/PS-76/0077/8GSB NTIS/PS-76/0078/6GSB	Computer storage devices, RAM NTIS/PS-75/811/0GSB
Communication systems, Walsh functions NTIS/PS-75/378/0GSB	Computer information security NTIS/PS-75/437/4GSB	Computer storage devices, Semiconductors NTIS/PS-75/274/1GSB
Communications management, Radiofrequency NTIS/PS-76/0054/7GSB	Computer networks NTIS/PS-75/524/9GSB	Computer storage management NTIS/PS-75/528/0GSB
Communications networks NTIS/PS-75/524/9GSB	Computer networks, Information retrieval NTIS/PS-75/513/2GSB	Computer storage, Optical memories NTIS/PS-76/0034/9GSB
Communications networks, Network flows NTIS/PS-75/694/0GSB	Computer performance evaluation NTIS/PS-75/753/4GSB	Computers, Microcomputers NTIS/PS-75/251/9GSB
Communications, Telephone systems NTIS/PS-75/516/5GSB	Computer privacy NTIS/PS-75/437/4GSB	Computers, Minicomputers NTIS/PS-75/572/8GSB
Communities, Population projections NTIS/PS-75/682/5GSB	Computer program reliability NTIS/PS-75/486/1GSB	Computers, Performance evaluation NTIS/PS-75/753/4GSB
Community projects, Volunteers NTIS/PS-75/754/2GSB	Computer programming, Automatic NTIS/PS-75/594/2GSB	Computers, Speech recognition NTIS/PS-75/495/2GSB
Community relations, Law enforcement NTIS/PS-75/695/7GSB	Computer programming, Computations NTIS/PS-75/485/3GSB	Computers, Trends NTIS/PS-75/657/7GSB
Commuting, Travel time NTIS/PS-76/0002/6GSB	Computer programming language, Design NTIS/PS-75/588/4GSB	Concrete, Bridges NTIS/PS-75/888/8GSB
Compilers, Reliability NTIS/PS-75/486/1GSB	Computer programming, Logic design NTIS/PS-75/831/8GSB	Concrete pavements, Highways NTIS/PS-75/677/5GSB NTIS/PS-75/678/3GSB NTIS/PS-75/679/1GSB
Compilers, Standards NTIS/PS-75/416/8GSB	Computer programming, Natural language NTIS/PS-75/864/9GSB	Concrete polymer composites NTIS/PS-75/475/4GSB
Composite materials, Boron reinforced NTIS/PS-75/414/3GSB		Concrete, Prestressed NTIS/PS-76/0098/4GSB
		Concretes, Construction materials NTIS/PS-75/390/5GSB

Concretes, X rays NTIS/PS-76/0062/0GSB	Contact printers NTIS/PS-75/865/6GSB	Cosmology, Astrophysical research NTIS/PS-76/0126/3GSB
Congenital abnormalities NTIS/PS-75/849/0GSB	Containerization, Cargo ships NTIS/PS-75/284/0GSB	Cost analysis, Aquaculture NTIS/PS-75/883/9GSB
Construction, Cold weather construction NTIS/PS-75/394/7GSB	Containerships, Containerization NTIS/PS-75/284/0GSB	Costs, Life cycles NTIS/PS-75/875/5GSB
Construction, Construction materials NTIS/PS-75/389/7GSB NTIS/PS-75/390/5GSB	Continental shelves, Minerals NTIS/PS-75/392/1GSB	Costs, Medical services NTIS/PS-76/0018/2GSB
Construction equipment NTIS/PS-75/391/3GSB	Continental slopes, Gas wells NTIS/PS-75/540/5GSB	Coulometry, Chemical analysis NTIS/PS-75/627/0GSB
Construction management NTIS/PS-75/352/5GSB	Contraceptives NTIS/PS-75/880/5GSB	Counseling, Family relations NTIS/PS-75/720/3GSB
Construction materials, Bridges NTIS/PS-75/888/8GSB	Control theory NTIS/PS-75/503/3GSB NTIS/PS-75/504/1GSB	Counterinsurgency, Military NTIS/PS-75/701/3GSB
Construction materials, Cements NTIS/PS-75/390/5GSB	Convulsive disorders NTIS/PS-75/889/6GSB	Crack growth, Finite element analysis NTIS/PS-75/467/1GSB
Construction materials, Concrete-polymer NTIS/PS-75/475/4GSB	Cooling, Cryogenics NTIS/PS-75/825/0GSB NTIS/PS-75/826/8GSB	Crack growth, Mathematical analysis NTIS/PS-75/466/3GSB
Construction materials, Concretes NTIS/PS-75/390/5GSB	Cooling, Heat pipes NTIS/PS-75/316/0GSB NTIS/PS-75/317/8GSB	Crack growth, Stresses NTIS/PS-75/465/5GSB
Construction materials, Fiberboards NTIS/PS-75/389/7GSB NTIS/PS-76/0159/4GSB NTIS/PS-76/0160/2GSB	Cooling towers, Electric power plants NTIS/PS-75/549/6GSB	Crack propagation, Finite element analysis NTIS/PS-75/466/3GSB
Construction materials, Gypsum products NTIS/PS-75/389/7GSB	Copper lasers, Metal vapor lasers NTIS/PS-75/625/4GSB	Crack propagation, Mathematical analysis NTIS/PS-75/467/1GSB
Construction materials, Highway pavements NTIS/PS-75/672/6GSB NTIS/PS-75/673/4GSB NTIS/PS-75/674/2GSB NTIS/PS-75/677/5GSB NTIS/PS-75/678/3GSB NTIS/PS-75/679/1GSB	Copyrights NTIS/PS-75/146/1GSB	Crack propagation, Stresses NTIS/PS-75/465/5GSB
Construction materials, Panels NTIS/PS-75/389/7GSB	Coronary artery disease NTIS/PS-76/0117/2GSB NTIS/PS-76/0118/0GSB	Cracks, Stress analysis NTIS/PS-75/466/3GSB NTIS/PS-75/467/1GSB
Construction materials, Wood NTIS/PS-75/389/7GSB	Corrosion, Air pollution NTIS/PS-75/760/9GSB	Cracks, Stresses NTIS/PS-75/465/5GSB
Construction materials, Wood products NTIS/PS-76/0157/8GSB	Corrosion, Boilers NTIS/PS-75/555/3GSB	Cranes, Construction equipment NTIS/PS-75/391/3GSB
Construction, Permafrost NTIS/PS-76/0070/3GSB	Corrosion, Cavitation NTIS/PS-76/0166/9GSB	Crash tests, Vehicles NTIS/PS-75/651/0GSB
Construction, Snow NTIS/PS-75/719/5GSB	Corrosion, Desalting NTIS/PS-76/0173/5GSB NTIS/PS-76/0174/3GSB	Crashworthiness, Passenger vehicles NTIS/PS-75/651/0GSB
Construction, Winter NTIS/PS-75/394/7GSB	Corrosion prevention, Cathodic protection NTIS/PS-75/241/0GSB	Crassostrea NTIS/PS-75/718/7GSB
Consumer affairs NTIS/PS-75/409/3GSB	Corrosion, Sea water NTIS/PS-76/0058/8GSB	Creep, Titanium NTIS/PS-75/538/9GSB
Consumer products NTIS/PS-75/409/3GSB	Corrosion, Stainless steels NTIS/PS-76/0114/9GSB	Crime prevention NTIS/PS-75/425/9GSB
Consumer products, Fabric flammability NTIS/PS-75/757/5GSB	Corrosion, Stress corrosion of steel NTIS/PS-75/785/6GSB	Crime prevention, detectors NTIS/PS-75/809/4GSB
Consumer products, Truth in advertising NTIS/PS-76/0030/7GSB	Corrosion, Stress corrosion-stainless ste NTIS/PS-75/786/4GSB	Crimes NTIS/PS-75/425/9GSB
	Cosmic rays NTIS/PS-75/134/7GSB	Crimes, Transportation NTIS/PS-75/732/8GSB
	Cosmological models, Universe NTIS/PS-76/0126/3GSB	Criminal justice, Adults NTIS/PS-75/711/2GSB
		Criminal justice, Parole NTIS/PS-75/145/3GSB

Criminal psychology NTIS/PS-75/758/3GSB	Data transmission NTIS/PS-75/398/8GSB	Design to cost NTIS/PS-75/875/5GSB
Criminology, Adolescents NTIS/PS-75/626/2GSB	Data transmission, Microwaves NTIS/PS-75/250/1GSB	Desulfurization, Coal NTIS/PS-75/381/4GSB
Criminology, Community relations NTIS/PS-75/695/7GSB	DDD-DDE Insecticides NTIS/PS-75/640/3GSB	Desulfurization, Petroleum NTIS/PS-75/381/4GSB
Criminology, Forensic medicine NTIS/PS-75/245/1GSB	DDT NTIS/PS-75/640/3GSB	Detection, Optical radar NTIS/PS-75/402/8GSB
Criminology, Psychology NTIS/PS-75/758/3GSB	Deaf, Rehabilitation NTIS/PS-76/0028/1GSB	Detection probability, Camouflage NTIS/PS-76/0079/4GSB
Cryobiology NTIS/PS-75/508/2GSB	Decision making, Management planning NTIS/PS-75/500/9GSB	Detectors, Fog NTIS/PS-76/0096/8GSB
Cryogenics, Aluminum NTIS/PS-75/192/5GSB	Decoding, Signal processing NTIS/PS-75/398/8GSB	Detectors, Ice NTIS/PS-76/0096/8GSB
Cryogenics, Refrigerator NTIS/PS-75/825/0GSB	Decompression sickness, Diving NTIS/PS-75/278/2GSB	Detente, Foreign policy NTIS/PS-76/0178/4GSB
Cryogenics, Refrigerators NTIS/PS-75/826/8GSB	Deepwater ports NTIS/PS-75/510/8GSB	Detergents, Cleaning agents NTIS/PS-76/0110/7GSB
Cryopreservation NTIS/PS-75/508/2GSB	Defoliants, Chemical warfare agents NTIS/PS-75/835/9GSB	Deterrence, International relations NTIS/PS-76/0178/4GSB
Cryoprotective agents NTIS/PS-75/508/2GSB	Demulators, Modulators NTIS/PS-75/782/3GSB	Deuterium fluoride lasers NTIS/PS-75/733/6GSB
Cryosurgery NTIS/PS-75/508/2GSB	Dental equipment NTIS/PS-75/340/0GSB NTIS/PS-75/512/4GSB	Dexsil polymers NTIS/PS-75/554/6GSB
Crystal growth, Gallium arsenides NTIS/PS-76/0102/4GSB	Dental materials NTIS/PS-75/340/0GSB NTIS/PS-75/512/4GSB	Dial-a-ride NTIS/PS-75/665/0GSB
Culicidae, Disease vectors NTIS/PS-75/360/8GSB NTIS/PS-75/361/6GSB	Dental prostheses NTIS/PS-75/511/6GSB	Diesel engines, Exhaust gases NTIS/PS-76/0007/5GSB
Cyanoacrylate, Tissue adhesives NTIS/PS-75/440/8GSB	Dentistry NTIS/PS-75/315/2GSB	Differential equations, Computations NTIS/PS-75/485/3GSB
Dams, Fishways NTIS/PS-75/868/0GSB	Dentistry, Implantation NTIS/PS-75/511/6GSB	Diffusion bonding NTIS/PS-75/771/6GSB
Dams, Sedimentation NTIS/PS-75/886/2GSB	Dentistry, Materials NTIS/PS-75/340/0GSB	Digital communications, Troposcatter NTIS/PS-75/459/8GSB
Dark adaptation NTIS/PS-76/0133/9GSB	Dentistry, Materials and equipment NTIS/PS-75/512/4GSB	Digital filters, Band pass filters NTIS/PS-76/0145/3GSB NTIS/PS-76/0146/1GSB
Data compression NTIS/PS-75/860/7GSB	Dentistry, Prostheses NTIS/PS-75/511/6GSB	Diodes, IMPATT diodes NTIS/PS-75/149/5GSB
Data links, Air traffic control NTIS/PS-76/0039/8GSB	Deposition, Chemical vapor deposition NTIS/PS-75/477/0GSB	Diodes, Schottky defects NTIS/PS-76/0065/3GSB NTIS/PS-76/0066/1GSB
Data processing equipment, Spaceborne NTIS/PS-76/0043/0GSB	Desalting, Corrosion NTIS/PS-76/0173/5GSB NTIS/PS-76/0174/3GSB	Disabilities, Vocational guidance NTIS/PS-76/0028/1GSB
Data processing, Network flows NTIS/PS-75/694/0GSB	Desalting, Electrodialysis NTIS/PS-76/0011/7GSB NTIS/PS-76/0012/5GSB	Disadvantaged groups, Migrant workers NTIS/PS-75/240/2GSB
Data processing, Remote sensing NTIS/PS-76/0055/4GSB	Desalting, Membranes NTIS/PS-76/0083/6GSB NTIS/PS-76/0084/4GSB	Disadvantaged groups, Youth NTIS/PS-75/650/2GSB
Data processing security NTIS/PS-75/437/4GSB	Design, Bridges NTIS/PS-75/888/8GSB	Disarmament, Arms control NTIS/PS-75/393/9GSB
Data processing terminals, Networks NTIS/PS-75/524/9GSB	Design, Experimental design NTIS/PS-75/776/5GSB	Disasters, Management planning NTIS/PS-75/683/3GSB
Data retrieval, Biomedical Information NTIS/PS-75/891/2GSB		Discrete address beacon systems NTIS/PS-76/0039/8GSB
Data retrieval, User studies NTIS/PS-75/189/1GSB		

Disease vectors, Insects NTIS/PS-75/360/8GSB NTIS/PS-75/361/6GSB	Drug abuse NTIS/PS-75/147/9GSB	NTIS/PS-76/0036/4GSB
Disease vectors, Malaria NTIS/PS-75/307/9GSB NTIS/PS-75/308/7GSB	Drug addiction NTIS/PS-75/147/9GSB	Ecology, Models NTIS/PS-75/088/5GSB NTIS/PS-75/846/6GSB
Diseases, Venereal diseases NTIS/PS-75/777/3GSB	Drugs, Cancer NTIS/PS-75/509/0GSB	Ecology, Oceans NTIS/PS-75/329/3GSB
Display devices, Liquid crystals NTIS/PS-75/591/8GSB	Drugs, Malaria NTIS/PS-75/307/9GSB NTIS/PS-75/308/7GSB	Ecology, Oil spills NTIS/PS-76/0033/1GSB
Display systems, Electroluminescence NTIS/PS-75/742/7GSB	Dual mode transportation NTIS/PS-75/287/3GSB	Ecology, Oysters NTIS/PS-75/718/7GSB
Display systems, Graphic arts NTIS/PS-75/791/4GSB	Dust control, Soil stabilization NTIS/PS-75/470/5GSB	Ecology, Polychlorinated biphenyls NTIS/PS-75/713/8GSB
Divers, Communication NTIS/PS-75/773/2GSB	Dye lasers NTIS/PS-75/539/7GSB	Ecology, Salt marshes NTIS/PS-75/426/7GSB
Divers, Underwater breathing NTIS/PS-75/774/0GSB	Earnings, Surveys NTIS/PS-75/567/8GSB NTIS/PS-75/568/6GSB	Ecology, Thermal pollution NTIS/PS-76/0128/9GSB NTIS/PS-76/0129/7GSB
Divers, Underwater equipment NTIS/PS-75/775/7GSB	Earth crust, Structural geology COM-73-11802/8GSB	Economic characteristics, Ghettos NTIS/PS-75/721/1GSB
Diving, Breathing apparatus NTIS/PS-75/774/0GSB	Earth handling equipment, Construction NTIS/PS-75/391/3GSB	Economic development, Minority groups NTIS/PS-75/853/2GSB
Diving, Stress(Physiology) NTIS/PS-75/278/2GSB	Earth mantle, Structural geology COM-73-11802/8GSB	Economic development,American Indians NTIS/PS-75/703/9GSB
Documents, Automation NTIS/PS-76/0075/2GSB	Earth Resources Technology Satellite NTIS/PS-75/104/0GSB NTIS/PS-76/0055/4GSB	Economic forecasting, Population NTIS/PS-75/682/5GSB
Dogs, Law enforcement NTIS/PS-75/648/6GSB	Earthquake engineering, Buildings NTIS/PS-75/632/0GSB NTIS/PS-75/633/8GSB	Economic models NTIS/PS-75/407/7GSB NTIS/PS-75/408/5GSB
Drag reducing fluids NTIS/PS-75/497/8GSB	Earthquake resistant structures, Bridges NTIS/PS-75/632/0GSB NTIS/PS-75/633/8GSB	Economic surveys, Communication systems NTIS/PS-75/400/2GSB
Drainage, Forest land NTIS/PS-75/856/5GSB	Earthquakes, Insurance NTIS/PS-75/606/4GSB	Economics, Air pollution NTIS/PS-75/535/5GSB
Drawing(Forming), Metal drawing NTIS/PS-75/162/8GSB	Earthquakes, Seismic detection NTIS/PS-75/326/9GSB	Economics, Fertilizers NTIS/PS-75/599/1GSB
Dredge spoil, Ocean waste disposal NTIS/PS-75/462/2GSB	Earthquakes, Seismology NTIS/PS-75/769/0GSB	Economics, Inflation(Economics) NTIS/PS-75/637/9GSB
Dredge spoil, Solid waste disposal NTIS/PS-75/755/9GSB	Echo sounding, Ionosphere NTIS/PS-75/641/1GSB	Economics, Material shortages NTIS/PS-76/0006/7GSB
Dredging, Environmental effects NTIS/PS-75/755/9GSB	Echocardiography NTIS/PS-75/175/0GSB	Economics, Noise pollution NTIS/PS-75/534/8GSB
Drilling, Mohole project NTIS/PS-75/725/2GSB	Echoencephalography NTIS/PS-75/175/0GSB	Economics, Solid waste disposal NTIS/PS-75/536/3GSB
Drilling platforms, Mohole project NTIS/PS-75/724/5GSB	Echolocation, Cetacea NTIS/PS-76/0008/3GSB	Economics, Telecommunications NTIS/PS-75/400/2GSB
Drilling platforms, Positioning NTIS/PS-75/726/0GSB	Ecology, Biological productivity NTIS/PS-76/0056/2GSB	Economics, Water pollution NTIS/PS-75/537/1GSB
Drinking drivers NTIS/PS-75/505/8GSB	Ecology, DDT NTIS/PS-75/640/3GSB	Ecosystems, Models NTIS/PS-75/088/5GSB NTIS/PS-75/846/6GSB
Drivers, Training NTIS/PS-76/0113/1GSB	Ecology, Eutrophication NTIS/PS-75/522/3GSB NTIS/PS-75/523/1GSB	Education, Computer aided instruction NTIS/PS-75/556/1GSB NTIS/PS-75/557/9GSB
Driving, Motor vehicle operator behavior NTIS/PS-75/619/7GSB	Ecology, insecticides NTIS/PS-75/108/1GSB NTIS/PS-76/0035/6GSB	Education, Individualized instruction NTIS/PS-76/0017/4GSB
Drones NTIS/PS-75/876/3GSB		

Education, Motor vehicle operators NTIS/PS-76/0113/1GSB	Electrochemical cells, Silver cells NTIS/PS-75/649/4GSB	Electroplating, Air pollution NTIS/PS-75/383/0GSB
Education, Simulators NTIS/PS-75/335/0GSB	Electrochemistry, Ion selective electrode NTIS/PS-75/622/1GSB	Electroplating, Water pollution NTIS/PS-75/382/2GSB
Education, Visual aids NTIS/PS-75/685/8GSB	Electrochemistry, Surface chemistry NTIS/PS-75/644/5GSB	Electroretinography NTIS/PS-75/526/4GSB
Elastohydrodynamics NTIS/PS-75/497/8GSB	Electrodeposition NTIS/PS-75/330/1GSB NTIS/PS-75/331/9GSB	Electrostatic precipitators NTIS/PS-75/587/6GSB
Elastomers, Combustion NTIS/PS-75/728/6GSB	Electrodes, Surface chemistry NTIS/PS-75/644/5GSB	Elementary particles, Nuclear medicine NTIS/PS-75/213/9GSB
Elastomers, Heat resistant plastics NTIS/PS-75/561/1GSB	Electrodialysis, Desalting NTIS/PS-76/0011/7GSB NTIS/PS-76/0012/5GSB	Embankments, Erosion control NTIS/PS-75/469/7GSB
Elastomers, Polyurethane resins NTIS/PS-75/744/3GSB NTIS/PS-75/745/0GSB	Electrodialysis, Waste treatment NTIS/PS-75/574/4GSB	Emergency medical care NTIS/PS-75/419/2GSB
Elderly NTIS/PS-75/548/8GSB	Electroforming NTIS/PS-75/330/1GSB NTIS/PS-75/331/9GSB	Emergency medical services NTIS/PS-76/0080/2GSB
Elderly, Transportation NTIS/PS-75/575/1GSB	Electroluminescence, Display systems NTIS/PS-75/742/7GSB	Emergency planning, Disasters NTIS/PS-75/683/3GSB
Electric automobiles NTIS/PS-75/490/3GSB	Electroluminescence, Semiconductor diodes NTIS/PS-75/415/0GSB	Emission factors, Air pollution NTIS/PS-75/410/1GSB
Electric batteries, Electric automobiles NTIS/PS-75/490/3GSB	Electroluminescent panels NTIS/PS-75/742/7GSB	Emissions inventories, Nitrogen oxides NTIS/PS-75/611/4GSB
Electric batteries, Lead cells NTIS/PS-75/472/1GSB	Electromagnetic shielding NTIS/PS-75/366/5GSB NTIS/PS-75/367/3GSB	Employment, Attitudes NTIS/PS-75/300/4GSB
Electric batteries, Lithium cells NTIS/PS-75/471/3GSB	Electromagnetic suspension, Tracked air NTIS/PS-76/0094/3GSB	Employment, Females NTIS/PS-76/0103/2GSB
Electric batteries, Nickel cadmium cells NTIS/PS-75/445/7GSB	Electromagnets, Superconductors NTIS/PS-75/636/1GSB	Employment, Productivity NTIS/PS-75/492/9GSB
Electric power consumption NTIS/PS-75/363/2GSB	Electron beam semiconductor devices NTIS/PS-76/0122/2GSB NTIS/PS-76/0123/0GSB	Endangered species NTIS/PS-75/881/3GSB
Electric power demand NTIS/PS-75/363/2GSB	Electron beam welding NTIS/PS-76/0136/2GSB NTIS/PS-76/0137/0GSB	Energy conservation NTIS/PS-75/214/7GSB
Electric power generation, Cooling towers NTIS/PS-75/549/6GSB	Electron beams, Nuclear fusion NTIS/PS-75/784/9GSB	Energy conservation, Car pooling NTIS/PS-75/854/0GSB
Electric power generation, Hydrogen NTIS/PS-75/379/8GSB	Electron bombarded semiconductor devices NTIS/PS-76/0122/2GSB NTIS/PS-76/0123/0GSB	Energy conservation, Heat recovery NTIS/PS-75/215/4GSB
Electric power generation, MHD generators NTIS/PS-75/448/1GSB	Electron tube targets, Semiconductors NTIS/PS-76/0122/2GSB NTIS/PS-76/0123/0GSB	Energy consumption, Electric power NTIS/PS-75/363/2GSB
Electric power generation, solar energy NTIS/PS-75/691/6GSB	Electron tubes, Semiconductor devices NTIS/PS-76/0122/2GSB NTIS/PS-76/0123/0GSB	Energy consumption, Forecasting NTIS/PS-76/0031/5GSB
Electric power generation, Wind power NTIS/PS-75/348/3GSB	Electronic counter countermeasures NTIS/PS-75/165/1GSB	Energy, Geothermal energy NTIS/PS-75/377/2GSB
Electric power plants, Boiler corrosion NTIS/PS-75/555/3GSB	Electronic countermeasures NTIS/PS-75/165/1GSB	Energy policy, Planning NTIS/PS-75/630/4GSB
Electric power plants, Heat recovery NTIS/PS-75/215/4GSB	Electronic equipment, Ferrites NTIS/PS-75/457/2GSB NTIS/PS-75/458/0GSB	Energy policy, Research NTIS/PS-75/630/4GSB
Electric power plants, Thermal pollution NTIS/PS-76/0127/1GSB		Energy resources, Natural gas NTIS/PS-75/463/0GSB
Electrical networks, Logic design NTIS/PS-75/831/8GSB		Energy sources, Hydrogen NTIS/PS-75/379/8GSB
Electrochemical cells, Fuel cells NTIS/PS-75/478/8GSB NTIS/PS-75/479/6GSB		Energy sources, Solid wastes NTIS/PS-75/655/1GSB
		Energy storage, Flywheels NTIS/PS-75/743/5GSB

Engines, Wear analysis NTIS/PS-75/688/2GSB	Estuaries, Water quality management NTIS/PS-75/698/1GSB	Fast Fourier transform, Signal process NTIS/PS-75/645/2GSB
Entomology, Disease vectors NTIS/PS-75/360/8GSB NTIS/PS-75/361/6GSB	Ethnic groups, Economic development NTIS/PS-75/853/2GSB	Fatigue, Behavior NTIS/PS-76/0095/0GSB
Environment, Carcinogens NTIS/PS-75/844/1GSB	Ethnic groups, Minority business NTIS/PS-75/845/8GSB	Fatigue, Motor vehicle operators NTIS/PS-75/620/5GSB
Environmental effects, Dredging NTIS/PS-75/755/9GSB	Eutrophication NTIS/PS-75/522/3GSB NTIS/PS-75/523/1GSB	Fatigue, Performance(Human) NTIS/PS-76/0095/0GSB
Environmental Impact Statements NTIS/PS-75/717/9GSB	Eutrophication, Sediment interactions NTIS/PS-76/0021/6GSB	Federal Trade Commission substantiation NTIS/PS-76/0030/7GSB
Environmental impacts, Cooling towers NTIS/PS-75/549/6GSB	Excavation, Tunneling(Excavation) NTIS/PS-75/550/4GSB	Feedback control NTIS/PS-75/503/3GSB NTIS/PS-75/504/1GSB
Environmental impacts, Fuel conversion NTIS/PS-75/371/5GSB	Exhaust gases, Air pollution detection NTIS/PS-75/310/3GSB	Feedback control, Adaptive control system NTIS/PS-75/364/0GSB
Environmental Impacts, Oil shale NTIS/PS-75/362/4GSB	Exhaust gases, Aircraft exhaust NTIS/PS-75/491/1GSB	Feedlot wastes NTIS/PS-75/531/4GSB
Environmental Impacts, Sanguine Project NTIS/PS-76/0003/4GSB	Exhaust gases, Diesel engines NTIS/PS-76/0007/5GSB	Females, Employment NTIS/PS-76/0103/2GSB
Environmental Impacts, Strip mining NTIS/PS-75/751/8GSB	Expanded plastics NTIS/PS-75/635/3GSB	Ferrimagnetic materials, Ferrites NTIS/PS-75/457/2GSB NTIS/PS-75/458/0GSB
Environmental Impacts, Water resources NTIS/PS-75/374/9GSB	Expanded plastics, Polyurethane foams NTIS/PS-75/634/6GSB	Ferrites, Microwave equipment NTIS/PS-75/457/2GSB NTIS/PS-75/458/0GSB
Environmental surveys, Beryllium NTIS/PS-75/772/4GSB	Expansion joints NTIS/PS-75/795/5GSB	Fertilization, Water pollution NTIS/PS-75/740/1GSB
Environmental surveys, Power plant siting NTIS/PS-75/748/4GSB	Experimental design, Statistical design NTIS/PS-75/776/5GSB	Fertilizers NTIS/PS-75/599/1GSB
Epilepsy NTIS/PS-75/889/6GSB	Explosions, Mine safety NTIS/PS-75/562/9GSB	Fiber optics NTIS/PS-75/420/0GSB
Epitaxial growth, Gallium arsenides NTIS/PS-76/0102/4GSB	Explosive forming NTIS/PS-76/0020/8GSB	Fiberboards NTIS/PS-76/0157/8GSB NTIS/PS-76/0159/4GSB NTIS/PS-76/0160/2GSB
Equations, Computer programming NTIS/PS-75/485/3GSB	Explosives detection, Dogs NTIS/PS-75/648/6GSB	Fiberglass reinforced plastics NTIS/PS-76/0063/8GSB
Equipment, Dentistry NTIS/PS-75/512/4GSB	Extremely low frequency, Sanguine NTIS/PS-76/0003/4GSB	Fibers, Carbon and graphite fibers NTIS/PS-75/612/2GSB NTIS/PS-75/613/0GSB
Erosion and corrosion, Turbine blades NTIS/PS-76/0081/0GSB NTIS/PS-76/0082/8GSB	Eye diseases, Nystagmus NTIS/PS-76/0143/8GSB	Fibers, Fire resistant materials NTIS/PS-75/757/5GSB
Erosion, Cavitation NTIS/PS-76/0166/9GSB	Eye, Electrophysiology NTIS/PS-75/526/4GSB	Filter aids, Sewage filtration NTIS/PS-75/583/5GSB
Erosion, Cavitation flow NTIS/PS-76/0167/7GSB	Fabrication, Marine propellers NTIS/PS-75/768/2GSB	Filtration, Sewage filtration NTIS/PS-75/583/5GSB
Erosion control, Soils NTIS/PS-75/469/7GSB	Fabrication, Ultrasonic fabrication NTIS/PS-75/244/4GSB	Financing, Housing NTIS/PS-75/203/0GSB
ERTS, Data processing NTIS/PS-76/0055/4GSB	Fabrication, Ultrasonic testing NTIS/PS-75/270/9GSB NTIS/PS-75/271/7GSB	Financing, Urban planning NTIS/PS-75/199/0GSB NTIS/PS-75/202/2GSB
ERTS, Management planning NTIS/PS-75/104/0GSB	Failure analysis, Engines NTIS/PS-75/688/2GSB	Financing, Urban transportation NTIS/PS-75/200/6GSB NTIS/PS-75/201/4GSB
Esthetics, Highways NTIS/PS-76/0009/1GSB	Family planning NTIS/PS-75/880/5GSB	Finite difference theory, Fluid flow NTIS/PS-75/642/9GSB NTIS/PS-75/643/7GSB
Estuaries, Sewage effects NTIS/PS-75/430/9GSB	Family relations, Counseling NTIS/PS-75/720/3GSB	
	Farm crops, Air pollution NTIS/PS-76/0015/8GSB	
	Farms, Animal waste control NTIS/PS-75/531/4GSB	

Finite element analysis, Fluid flow NTIS/PS-75/642/9GSB NTIS/PS-75/643/7GSB	NTIS/PS-75/674/2GSB	Fluid dynamics, Flow visualization NTIS/PS-75/116/4GSB
Finite element analysis, Structural analy NTIS/PS-75/496/0GSB	Flight maneuvers, Noise pollution NTIS/PS-75/762/5GSB	Fluid dynamics, Holographic visualization NTIS/PS-75/115/6GSB
Fire alarm systems NTIS/PS-75/793/0GSB	Flight simulators, Pilot training NTIS/PS-76/0068/7GSB	Fluid flow, Boundary layer control NTIS/PS-75/824/3GSB
Fire detection systems NTIS/PS-75/793/0GSB	Flocculation, Wastewater treatment NTIS/PS-75/582/7GSB	Fluid flow, Boundary layer separation NTIS/PS-75/814/4GSB NTIS/PS-75/815/1GSB
Fire resistant textiles NTIS/PS-75/757/5GSB	Flood control NTIS/PS-75/552/0GSB	Fluid flow, Boundary layer transition NTIS/PS-75/816/9GSB NTIS/PS-75/817/7GSB NTIS/PS-75/818/5GSB
Fire safety, Buildings NTIS/PS-75/652/8GSB	Floodplains, Management NTIS/PS-75/552/0GSB	Fluid flow, Cascade flow NTIS/PS-75/877/1GSB NTIS/PS-75/878/9GSB
Fires, Buildings NTIS/PS-75/652/8GSB	Floods, Insurance NTIS/PS-75/606/4GSB	Fluid flow, Cavities NTIS/PS-76/0040/6GSB NTIS/PS-76/0041/4GSB
Fires, Insurance NTIS/PS-75/606/4GSB	Flotation, Wastewater treatment NTIS/PS-75/582/7GSB	Fluid flow, Fluidic control NTIS/PS-76/0140/4GSB NTIS/PS-76/0141/2GSB
Fires, Mine fires NTIS/PS-75/562/9GSB	Flow measurement, Hot film anemometry NTIS/PS-75/664/3GSB	Fluid flow, Numerical analysis NTIS/PS-75/642/9GSB NTIS/PS-75/643/7GSB
Fires, Plastics NTIS/PS-75/728/6GSB	Flow measurement, Hot wire anemometry NTIS/PS-75/662/7GSB NTIS/PS-75/663/5GSB	Fluid flow, Shear flow NTIS/PS-75/822/7GSB
Fish protein concentrates NTIS/PS-75/862/3GSB	Flow reattachment NTIS/PS-75/823/5GSB	Fluidic control, Fluidic amplifiers NTIS/PS-76/0139/6GSB
Fish protein concentrates, Food processing NTIS/PS-75/576/9GSB NTIS/PS-75/577/7GSB	Flow separation, Boundary layer NTIS/PS-75/814/4GSB NTIS/PS-75/815/1GSB	Fluidic devices, Flueric NTIS/PS-76/0140/4GSB NTIS/PS-76/0141/2GSB
Fish repellents, Sharks NTIS/PS-75/869/8GSB	Flow visualization NTIS/PS-75/116/4GSB	Fluidics, Fluid amplification NTIS/PS-76/0139/6GSB
Fisheries, Economic development NTIS/PS-75/882/1GSB NTIS/PS-75/883/9GSB	Flow visualization, Holography NTIS/PS-75/115/6GSB	Fluidized bed combustion NTIS/PS-76/0161/0GSB NTIS/PS-76/0162/8GSB
Fisheries, Law(Jurisprudence) NTIS/PS-75/111/5GSB	Flue gases, Air pollution detection NTIS/PS-75/828/4GSB	Fluorohydrocarbons, Toxicity NTIS/PS-75/387/1GSB
Fishes, Aquaculture NTIS/PS-75/304/6GSB	Flue gases, Scrubbers NTIS/PS-75/163/6GSB NTIS/PS-76/0050/5GSB NTIS/PS-76/0051/3GSB NTIS/PS-76/0052/1GSB	Fly ash NTIS/PS-75/646/0GSB
Fishes, Economic Indicators NTIS/PS-75/883/9GSB	Fluerics, Fluid amplifiers NTIS/PS-76/0139/6GSB	Flywheels NTIS/PS-75/743/5GSB
Fishing Industry, Economics NTIS/PS-75/882/1GSB	Fluerics, Flueric amplifiers NTIS/PS-76/0140/4GSB NTIS/PS-76/0141/2GSB	Foams, Expanded plastics NTIS/PS-75/635/3GSB
Fishing, Ocean law NTIS/PS-75/712/0GSB	Fluerics, Fluid control devices NTIS/PS-76/0139/6GSB	Foams, Polyurethane foams NTIS/PS-75/634/6GSB
Fishing, Oysters NTIS/PS-75/718/7GSB	Fluid amplifiers, Fluid control devices NTIS/PS-76/0140/4GSB NTIS/PS-76/0141/2GSB	Fog, Detection NTIS/PS-76/0096/8GSB
Fishing products, Marketing NTIS/PS-75/882/1GSB	Fluid control devices, Flurics NTIS/PS-76/0139/6GSB NTIS/PS-76/0140/4GSB	Fog dispersal NTIS/PS-75/750/0GSB
Fishways NTIS/PS-75/868/0GSB	Fluid control devices, Fluidics NTIS/PS-76/0141/2GSB	Following aircraft, Trailing vortices NTIS/PS-76/0072/9GSB
Flame spraying, Coatings NTIS/PS-76/0047/1GSB NTIS/PS-76/0048/9GSB NTIS/PS-76/0049/7GSB	Fluid dynamics, Cavitation NTIS/PS-76/0163/6GSB NTIS/PS-76/0164/4GSB	Food additives, GRAS food Ingredients NTIS/PS-75/356/6GSB
Flavor, Food NTIS/PS-75/734/4GSB	Fluid dynamics, Cavitation-hydrofoils NTIS/PS-76/0165/1GSB	Food, GRAS food Ingredients NTIS/PS-75/356/6GSB
Flexible pavements, Highways NTIS/PS-75/672/6GSB NTIS/PS-75/673/4GSB		

Food irradiation, Food processing NTIS/PS-75/576/9GSB NTIS/PS-75/577/7GSB	Foundations(Structures), Foundation eng NTIS/PS-75/283/2GSB	Gallium arsenide lasers NTIS/PS-75/792/2GSB
Food packaging NTIS/PS-75/380/6GSB	Fourier transformation, Signal processing NTIS/PS-75/645/2GSB	Gallium arsenides, Epitaxial growth NTIS/PS-76/0102/4GSB
Food processing NTIS/PS-75/576/9GSB NTIS/PS-75/577/7GSB	Fracture, Ceramic materials NTIS/PS-75/217/0GSB	Game theory, Management games NTIS/PS-75/598/3GSB
Food processing, Fish protein concentrate NTIS/PS-75/862/3GSB	Fracture, Cracks NTIS/PS-75/465/5GSB	Ganglia, Regeneration(Physiology) NTIS/PS-75/592/6GSB
Food processing, Waste treatment NTIS/PS-75/484/6GSB	Fracture, Stress analysis NTIS/PS-75/466/3GSB NTIS/PS-75/467/1GSB	Gas analysis, Automobile exhaust NTIS/PS-75/310/3GSB
Food, Shortages NTIS/PS-76/0006/7GSB	Freeze drying, Food processing NTIS/PS-75/576/9GSB NTIS/PS-75/577/7GSB	Gas bearings NTIS/PS-75/807/8GSB NTIS/PS-75/808/6GSB
Food storage NTIS/PS-75/380/6GSB	Freight transportation, Railroads NTIS/PS-76/0169/3GSB	Gas detection, Flue gases NTIS/PS-75/828/4GSB
Food storage, Taste NTIS/PS-75/734/4GSB	Freight, Travel time NTIS/PS-76/0010/9GSB	Gas detection, Warfare agents NTIS/PS-75/832/6GSB
Food, Synthetic foods NTIS/PS-75/493/7GSB	Frequency allocations NTIS/PS-76/0054/7GSB	Gas detectors, Nitrogen oxides NTIS/PS-75/608/0GSB
Food, Taste NTIS/PS-75/734/4GSB	Frequency converters, Infrared radiation NTIS/PS-75/075/2GSB	Gas dynamic lasers NTIS/PS-75/573/6GSB
Forecasting, Air transportation NTIS/PS-76/0045/5GSB	Frequency standards NTIS/PS-75/765/8GSB	Gas dynamics, Flow reattachment NTIS/PS-75/823/5GSB
Forecasting, Surface transportation NTIS/PS-76/0046/3GSB	Frequency synthesizers NTIS/PS-75/790/6GSB	Gas flow, Boundary layer transition NTIS/PS-75/816/9GSB NTIS/PS-75/817/7GSB NTIS/PS-75/818/5GSB
Forecasts, Computers NTIS/PS-75/657/7GSB	Fresh water, Biological productivity NTIS/PS-76/0056/2GSB	Gas flow, Shear properties NTIS/PS-75/820/1GSB NTIS/PS-75/821/9GSB
Foreign policy, Arms control NTIS/PS-75/393/9GSB	Frost heave, Permafrost NTIS/PS-76/0069/5GSB	Gas lasers, Carbon dioxide lasers NTIS/PS-75/473/9GSB NTIS/PS-75/474/7GSB
Foreign policy, Detente NTIS/PS-76/0178/4GSB	Fuel additives, Automotive fuels NTIS/PS-75/313/7GSB	Gas turbine blades, Corrosion NTIS/PS-76/0081/0GSB NTIS/PS-76/0082/8GSB
Forensic medicine NTIS/PS-75/245/1GSB	Fuel cell electrodes, Surface chemistry NTIS/PS-75/644/5GSB	Gas turbine blades, Erosion NTIS/PS-76/0081/0GSB NTIS/PS-76/0082/8GSB
Forensic science, Medicine NTIS/PS-75/245/1GSB	Fuel cells NTIS/PS-75/478/8GSB NTIS/PS-75/479/6GSB	Gas turbine engines, Motor vehicles NTIS/PS-75/312/9GSB
Forest Industry, Economic development NTIS/PS-75/827/6GSB	Fuel consumption, Energy conservation NTIS/PS-75/214/7GSB	Gas turbines, Corrosion NTIS/PS-76/0087/7GSB NTIS/PS-76/0088/5GSB
Forest land, Watersheds NTIS/PS-75/856/5GSB	Fuel consumption, Industries NTIS/PS-75/343/4GSB	Gas turbines, Erosion NTIS/PS-76/0087/7GSB NTIS/PS-76/0088/5GSB
Forest management NTIS/PS-75/483/8GSB	Fuel consumption, Residential buildings NTIS/PS-75/343/4GSB	Gas wells, Offshore drilling NTIS/PS-75/540/5GSB
Fossil fuels, Shale oil NTIS/PS-75/362/4GSB	Fuel consumption, Transportation NTIS/PS-75/342/6GSB	Gaskets NTIS/PS-75/838/3GSB
Fouling, Marine engineering NTIS/PS-75/442/4GSB	Fuels, Automotive fuels NTIS/PS-75/313/7GSB	General relativity NTIS/PS-76/0135/4GSB
Foundation engineering, Ocean NTIS/PS-75/255/0GSB	Fuels, Hydrogen NTIS/PS-75/379/8GSB	Genetics, Radiobiology NTIS/PS-75/551/2GSB
Foundations, Foundation engineering NTIS/PS-75/282/4GSB NTIS/PS-75/283/2GSB	Fuels, Natural gas NTIS/PS-75/463/0GSB	Genetics, Congenital abnormalities NTIS/PS-75/849/0GSB
Foundations, Marine NTIS/PS-75/255/0GSB	Furniture, Pine wood NTIS/PS-75/798/9GSB	
Foundations, Soil stabilization NTIS/PS-75/470/5GSB		

Geology, Mohole project	Gust loads	Heat recovery, Waste heat
NTIS/PS-75/727/8GSB	NTIS/PS-75/870/6GSB NTIS/PS-75/871/4GSB	NTIS/PS-75/215/4GSB
Geothermal energy	Halocarbon resins, Heat resistance	Heat resistant plastics
NTIS/PS-75/377/2GSB	NTIS/PS-75/561/1GSB	NTIS/PS-75/561/1GSB
Ghettos, Sociometrics	Halohydrocarbons, Toxicity	Heat resistant plastics, Imides • amides
NTIS/PS-75/721/1GSB	NTIS/PS-75/387/1GSB	NTIS/PS-75/560/3GSB
Glass, Waste recycling	Handicapped persons, Blindness	Heat transfer, Heat pipes
NTIS/PS-75/453/1GSB	NTIS/PS-75/427/5GSB	NTIS/PS-75/316/0GSB NTIS/PS-75/317/8GSB
Glassy carbon	Handicapped, Transportation	Heliostats, Solar energy concentrators
NTIS/PS-75/618/9GSB	NTIS/PS-75/575/1GSB	NTIS/PS-75/690/8GSB
Global navigation, Very low frequency	Handicapped, Vocational guidance	Hematuria
NTIS/PS-75/151/1GSB	NTIS/PS-76/0028/1GSB	NTIS/PS-75/260/0GSB
Glues	Handwriting, Character recognition	Hemodialysis
NTIS/PS-75/704/7GSB	NTIS/PS-75/892/0GSB	NTIS/PS-75/418/4GSB
Gonorrhea	Harbor structures, Breakwaters	Hemophilia
NTIS/PS-75/777/3GSB	NTIS/PS-75/553/8GSB	NTIS/PS-75/260/0GSB
Government policies, Energy planning	Harness, Motor vehicles	Hemorrhagic shock
NTIS/PS-75/630/4GSB	NTIS/PS-75/735/1GSB	NTIS/PS-75/369/9GSB
Graft versus host disease, immunology	Hazardous materials, Transportation	Hepatitis, Blood
NTIS/PS-75/799/7GSB	NTIS/PS-75/286/5GSB	NTIS/PS-75/543/9GSB
Graphic arts, Signs and displays	Hazardous materials, Waste disposal	Herbicides, Chemical warfare agents
NTIS/PS-75/791/4GSB	NTIS/PS-75/285/7GSB	NTIS/PS-75/835/9GSB
Graphite, Chemistry	Hazards, Nuclear facilities	Herbicides, Toxicity
NTIS/PS-75/616/3GSB	NTIS/PS-75/659/3GSB	NTIS/PS-75/756/7GSB
Graphite composites	Health care costs	Hereditary diseases, Congenital abnormal
NTIS/PS-75/614/8GSB	NTIS/PS-76/0018/2GSB	NTIS/PS-75/849/0GSB
Graphite fibers	Health care delivery	Herpes simplex virus
NTIS/PS-75/612/2GSB	NTIS/PS-75/419/2GSB	NTIS/PS-76/0093/5GSB
NTIS/PS-75/613/0GSB	Health care delivery, Telecommunications	Herpes virus
Graphite, Properties	NTIS/PS-75/580/1GSB	NTIS/PS-76/0093/5GSB
NTIS/PS-75/615/5GSB	Health care services, Costs	High energy batteries, Lithium cells
GRAS food ingredients	NTIS/PS-76/0018/2GSB	NTIS/PS-75/471/3GSB
NTIS/PS-75/356/6GSB	Health maintenance organizations	High energy rate forming
Ground effect machines, Ground effect	NTIS/PS-75/419/2GSB	NTIS/PS-76/0019/0GSB
NTIS/PS-75/333/5GSB	Health manpower	High energy rate forming, Explosive
NTIS/PS-75/334/3GSB	NTIS/PS-75/866/4GSB	NTIS/PS-76/0020/8GSB
Ground effect machines, Oceans	Health services, Rural areas	High protein supplements, Synthesis
NTIS/PS-75/332/7GSB	NTIS/PS-75/532/2GSB	NTIS/PS-75/493/7GSB
Ground water, Salinity	Hearing, Noise	High temperature, Bearings
NTIS/PS-75/741/9GSB	NTIS/PS-76/0013/3GSB NTIS/PS-76/0014/1GSB	NTIS/PS-75/600/7GSB
Ground water, Water pollution	Heart diseases	High temperature lubricants
NTIS/PS-75/739/3GSB	NTIS/PS-76/0117/2GSB NTIS/PS-76/0118/0GSB	NTIS/PS-76/0009/1GSB
NTIS/PS-75/740/1GSB	Heat exchangers, Cryogenics	Highway beautification
Guerrilla warfare	NTIS/PS-75/825/0GSB NTIS/PS-75/826/8GSB	NTIS/PS-75/888/8GSB
NTIS/PS-75/699/9GSB	Heat exchangers, Heat pipes	Highway transportation, Noise pollution
Guidance and control, Remote	NTIS/PS-75/316/0GSB NTIS/PS-75/317/8GSB	NTIS/PS-75/444/0GSB
NTIS/PS-75/876/3GSB	Heat pipes	Highway transportation, Public attitudes
Guidance, Inertial systems	NTIS/PS-75/316/0GSB NTIS/PS-75/317/8GSB	NTIS/PS-76/0153/7GSB
NTIS/PS-75/436/6GSB	Heat recovery, Incinerators	
Guided missile computers	NTIS/PS-75/350/9GSB	
NTIS/PS-76/0043/0GSB		
Gulf Stream, Currents		
NTIS/PS-75/525/6GSB		
Gunn diodes		
NTIS/PS-75/227/9GSB		

Highways, Air pollution modeling NTIS/PS-75/314/5GSB	Human factors engineering, Color vision NTIS/PS-76/0059/6GSB	Ice ages NTIS/PS-75/851/6GSB
Highways, Erosion control NTIS/PS-75/469/7GSB	Human factors engineering, Night vision NTIS/PS-76/0133/9GSB	Ice breaking, Ice breakup NTIS/PS-75/872/2GSB
Highways, Flexible pavements NTIS/PS-75/672/6GSB NTIS/PS-75/673/4GSB NTIS/PS-75/674/2GSB	Humans, Information processing NTIS/PS-75/857/3GSB NTIS/PS-75/858/1GSB	Ice, Detection NTIS/PS-76/0096/8GSB
Highways, Markings NTIS/PS-75/122/2GSB	Hurricanes, Weather forecasting NTIS/PS-76/0027/3GSB	Ice fog NTIS/PS-75/770/8GSB
Highways, Public opinion NTIS/PS-76/0153/7GSB	Hurricanes, Weather modification NTIS/PS-76/0027/3GSB	Ice forecasting, Ice fog NTIS/PS-75/770/8GSB
Highways, Rigid pavements NTIS/PS-75/677/5GSB NTIS/PS-75/678/3GSB NTIS/PS-75/679/1GSB	Hydraulic fluids, High temperature NTIS/PS-75/600/7GSB	Ice removal NTIS/PS-75/829/2GSB
Highways, Signs NTIS/PS-75/791/4GSB	Hydrodynamics, Cavitation NTIS/PS-76/0163/6GSB NTIS/PS-76/0164/4GSB	Icebreakers NTIS/PS-75/872/2GSB
Highways, Snow and ice removal NTIS/PS-75/829/2GSB	Hydrodynamics, Flow reattachment NTIS/PS-75/823/5GSB	Icebreaking NTIS/PS-75/872/2GSB
Histocompatibility, Immunology NTIS/PS-75/799/7GSB	Hydrodynamics, Mohole project NTIS/PS-75/724/5GSB	Illiac computers, Parallel processing NTIS/PS-76/0022/4GSB NTIS/PS-76/0023/2GSB
History, National Park Service NTIS/PS-76/0061/2GSB	Hydrodynamics, Propellers(Marine) NTIS/PS-75/767/4GSB	Image intensifiers, Night vision devices NTIS/PS-75/647/8GSB
Holographic storage, Optical memories NTIS/PS-76/0034/9GSB	Hydrodynamics, Thermal pollution NTIS/PS-76/0130/5GSB	Image processing, Pattern recognition NTIS/PS-75/514/0GSB
Holography, Acoustic holography NTIS/PS-75/432/5GSB	Hydrofoil craft, Cavitation NTIS/PS-76/0165/1GSB	Immunity, Responses NTIS/PS-75/781/5GSB
Holography, Applications NTIS/PS-75/431/7GSB	Hydrogen embrittlement NTIS/PS-75/749/2GSB	Immunologic diseases NTIS/PS-75/578/5GSB NTIS/PS-75/579/3GSB
Holography, Flow visualization NTIS/PS-75/115/6GSB	Hydrogen fluoride lasers NTIS/PS-75/733/6GSB	Immunology, Cancer NTIS/PS-75/222/0GSB
Holography, Theory and recording NTIS/PS-75/433/3GSB	Hydrogen, Fuels NTIS/PS-75/379/8GSB	Immunology, Transplantation NTIS/PS-75/799/7GSB
Hostility NTIS/PS-75/281/6GSB	Hydrology, Forest land NTIS/PS-75/856/5GSB	Impact tests, Automobiles NTIS/PS-75/651/0GSB
Hot film anemometers NTIS/PS-75/664/3GSB	Hydrology, Thermal pollution NTIS/PS-76/0130/5GSB	IMPATT diodes NTIS/PS-75/149/5GSB
Hot wire anemometers NTIS/PS-75/662/7GSB NTIS/PS-75/663/5GSB	Hydrology, Time series analysis NTIS/PS-76/0031/5GSB	Implantation, Dentistry NTIS/PS-75/511/6GSB
Housing NTIS/PS-75/654/4GSB	Hydrology, Water quality models NTIS/PS-75/441/6GSB	Incinerators NTIS/PS-75/350/9GSB
Housing, Financing and taxation NTIS/PS-75/203/0GSB	Hyperbaric oxygenation NTIS/PS-75/236/0GSB	Incinerators, Fluidized bed processors NTIS/PS-76/0161/0GSB NTIS/PS-76/0162/8GSB
Housing, Industrialized housing NTIS/PS-75/571/0GSB	Hyperbolic navigation, Very low frequency NTIS/PS-75/151/1GSB	Incinerators, Shipborne NTIS/PS-75/788/0GSB
Housing, Senior citizens NTIS/PS-75/548/8GSB	Hypersensitivity, Allergic diseases NTIS/PS-75/578/5GSB NTIS/PS-75/579/3GSB	Income taxes, Statistical data NTIS/PS-75/867/2GSB
Human behavior, Sonic boom NTIS/PS-76/0177/6GSB	Hypertension NTIS/PS-76/0179/2GSB	Indians NTIS/PS-75/703/9GSB
Human factors, Computer aided instruction NTIS/PS-75/556/1GSB NTIS/PS-75/557/9GSB	Hypnotics • sedatives, Pharmacology NTIS/PS-75/489/5GSB	Indicator species NTIS/PS-75/796/3GSB
Human factors engineering, Anthropometry NTIS/PS-75/629/6GSB	Hypoxia, Altitude NTIS/PS-75/237/8GSB	Individualized instruction NTIS/PS-76/0017/4GSB
		Indoor air pollution NTIS/PS-75/800/3GSB

Industrial hygiene, Mining NTIS/PS-75/564/5GSB	Information systems, Urban information NTIS/PS-75/623/9GSB	Intelligibility, Speech NTIS/PS-75/669/2GSB
Industrial hygiene, Uranium mining NTIS/PS-75/565/2GSB	Information systems, User needs NTIS/PS-75/189/1GSB	Interactive graphics NTIS/PS-75/158/6GSB
Industrial medicine, Air pollution NTIS/PS-75/800/3GSB	Information theory, Coding NTIS/PS-75/398/8GSB	Interactive graphics, Computer application NTIS/PS-76/0077/8GSB NTIS/PS-76/0078/6GSB
Industrial psychology NTIS/PS-75/839/1GSB	Information theory, Walsh functions NTIS/PS-75/378/0GSB	Interferometric holography NTIS/PS-75/431/7GSB
Industrial psychology, Job satisfaction NTIS/PS-75/708/8GSB	Infrared communication NTIS/PS-75/412/7GSB	Interferon NTIS/PS-75/100/8GSB
Industrial relations, Bargaining NTIS/PS-76/0124/8GSB	Infrared detection, Infrared upconversion NTIS/PS-75/075/2GSB	Interferon assay NTIS/PS-75/100/8GSB
Industrial relations, Labor relations NTIS/PS-75/290/7GSB	Infrared detection, Ocean surface NTIS/PS-75/446/5GSB	Interferon inducers NTIS/PS-75/100/8GSB
Industrial relations, Negroes NTIS/PS-75/842/5GSB NTIS/PS-75/843/3GSB	Infrared radiation, Frequency conversion NTIS/PS-75/075/2GSB	Interlibrary loans NTIS/PS-75/813/6GSB
Industrial waste treatment, Activated car NTIS/PS-75/461/4GSB	Infrared upconversion NTIS/PS-75/075/2GSB	International law, Fisheries NTIS/PS-75/111/5GSB
Industrial waste treatment, Coagulation NTIS/PS-75/582/7GSB	Insect control, Biological pest control NTIS/PS-75/887/0GSB	International law, Ocean law NTIS/PS-75/712/0GSB
Industrial waste treatment, Osmosis NTIS/PS-75/574/4GSB	Insecticides, DDT-DDD-DDE Insecticides NTIS/PS-75/640/3GSB	International law, Whales NTIS/PS-76/0111/5GSB
Industrial waste treatment, Paper industry NTIS/PS-75/638/7GSB	Insecticides, Ecology NTIS/PS-75/108/1GSB NTIS/PS-76/0035/6GSB NTIS/PS-76/0036/4GSB	International relations, Deterrence NTIS/PS-76/0178/4GSB
Industrial waste treatment, Textiles NTIS/PS-75/729/4GSB	Insecticides, Toxicity NTIS/PS-75/756/7GSB	Inventory control NTIS/PS-75/631/2GSB
Industrialized housing NTIS/PS-75/571/0GSB	Insecticides, Water pollution NTIS/PS-75/108/1GSB NTIS/PS-76/0035/6GSB NTIS/PS-76/0036/4GSB	Inventory control, Replacement theory NTIS/PS-75/405/1GSB
Industries, Fuel consumption NTIS/PS-75/343/4GSB	Insects, Disease vectors NTIS/PS-75/360/8GSB NTIS/PS-75/361/6GSB	Ion implantation, Microelectronics NTIS/PS-75/661/9GSB
Inert gas welding NTIS/PS-75/764/1GSB	Instruction, Drivers NTIS/PS-76/0113/1GSB	Ion selective electrodes NTIS/PS-75/622/1GSB
Inertial guidance NTIS/PS-75/436/6GSB	Insurance, Automobiles NTIS/PS-75/605/6GSB	Ionoospheric observations, Solar eclipses NTIS/PS-76/0131/3GSB
Inertial navigation NTIS/PS-75/436/6GSB	Insurance, Houses, property, disasters NTIS/PS-75/606/4GSB	Iron alloys, Hydrogen embrittlement NTIS/PS-75/749/2GSB
Infections, Burns NTIS/PS-76/0104/0GSB	Insurance, Marine transportation NTIS/PS-75/605/6GSB	Iron, Casting NTIS/PS-76/0142/0GSB
Inflation(Economics) NTIS/PS-75/637/9GSB	Insurance, Risk analysis NTIS/PS-75/604/9GSB	Iron, Powder metallurgy NTIS/PS-75/709/6GSB
Information processing, Humans NTIS/PS-75/857/3GSB NTIS/PS-75/858/1GSB	Insurgency, Civil Insurgency NTIS/PS-75/700/5GSB	Irrigation, Sewage irrigation NTIS/PS-75/460/6GSB
Information retrieval, Natural language NTIS/PS-75/864/9GSB	Insurgency, Military NTIS/PS-75/701/3GSB	Irrigation, Water pollution NTIS/PS-75/740/1GSB
Information retrieval, On line systems NTIS/PS-75/513/2GSB	Integrated circuits, Beam leads NTIS/PS-75/246/9GSB	Isocyanate plastics NTIS/PS-75/744/3GSB NTIS/PS-75/745/0GSB
Information systems, Biomedical NTIS/PS-75/891/2GSB	Integrated circuits, Reliability NTIS/PS-75/247/7GSB	Isocyanate plastics, Expanded plastics NTIS/PS-75/634/6GSB
Information systems, Computer privacy NTIS/PS-75/437/4GSB	Intelligence tests NTIS/PS-76/0076/0GSB	Isotopic labelling, Antigens, Antibodies NTIS/PS-76/0125/5GSB
Information systems, Management planning NTIS/PS-75/601/5GSB		Jet engines, Air pollution NTIS/PS-75/491/1GSB

Jetties	Landing aids, Microwave landing systems	Lasers, Semiconductor diodes
NTIS/PS-75/553/8GSB	NTIS/PS-75/417/6GSB	NTIS/PS-75/415/0GSB
Jewel bearings	Landing fields, Aircraft noise	Lasers, Ultraviolet lasers
NTIS/PS-75/802/9GSB	NTIS/PS-75/530/6GSB	NTIS/PS-75/738/5GSB
Job analysis, Methodology	Landing fields, Pavements	Lasers, X Ray lasers
NTIS/PS-75/675/9GSB	NTIS/PS-75/518/1GSB	NTIS/PS-75/738/5GSB
Job analysis, Work measurement	NTIS/PS-75/519/9GSB	Law enforcement, Community relations
NTIS/PS-75/797/1GSB	NTIS/PS-75/520/7GSB	NTIS/PS-75/695/7GSB
Job satisfaction	LANDSAT, Instrumentation • data processing	Law enforcement, Crimes
NTIS/PS-75/708/8GSB	NTIS/PS-76/0055/4GSB	NTIS/PS-75/425/9GSB
Jobs, Attitudes	Landscaping, Roads	Law enforcement, Dogs
NTIS/PS-75/300/4GSB	NTIS/PS-76/0009/1GSB	NTIS/PS-75/648/6GSB
Joints, Expansion	Language, Analysis	Law enforcement, Parole
NTIS/PS-75/795/5GSB	NTIS/PS-75/759/1GSB	NTIS/PS-75/145/3GSB
Josephson junctions	Laser beams, Atmospheric attenuation	Law enforcement, Police
NTIS/PS-75/590/0GSB	NTIS/PS-75/670/0GSB	NTIS/PS-75/443/2GSB
Josephson junctions, Squid devices	Laser beams, Nuclear fusion	Law enforcement, Psychology
NTIS/PS-75/687/4GSB	NTIS/PS-75/783/1GSB	NTIS/PS-75/758/3GSB
Journal bearings	Laser beams, Radiation damage	Law enforcement, Transportation
NTIS/PS-75/801/1GSB	NTIS/PS-75/399/6GSB	NTIS/PS-75/732/8GSB
Juvenile delinquency	Laser materials, Radiation damage	Law, Ocean law
NTIS/PS-75/626/2GSB	NTIS/PS-75/399/6GSB	NTIS/PS-75/712/0GSB
Juvenile delinquency, Rehabilitation	Laser produced plasmas	Law of the sea, Fisheries
NTIS/PS-75/711/2GSB	NTIS/PS-75/783/1GSB	NTIS/PS-75/111/5GSB
Juvenile, Opinions	Laser radiobiology	Law(Jurisprudence), Fisheries
NTIS/PS-75/232/9GSB	NTIS/PS-75/893/8GSB	NTIS/PS-75/111/5GSB
Labor, Attitudes	Laser range finders	Law(Jurisprudence), Water quality
NTIS/PS-75/300/4GSB	NTIS/PS-75/812/8GSB	NTIS/PS-75/558/7GSB
Labor, Productivity	Laser spectroscopy	NTIS/PS-75/559/5GSB
NTIS/PS-75/492/9GSB	NTIS/PS-76/0100/8GSB	Lead acid batteries
Labor relations	NTIS/PS-76/0101/6GSB	NTIS/PS-75/472/1GSB
NTIS/PS-75/290/7GSB	Laser spectroscopy, Raman spectroscopy	Lead poisoning
Labor unions, Collective bargaining	NTIS/PS-76/0099/2GSB	NTIS/PS-76/0097/6GSB
NTIS/PS-76/0124/8GSB	Lasers, Carbon dioxide lasers	Lead, Storage batteries
Labor unions, Labor relations	NTIS/PS-75/473/9GSB	NTIS/PS-75/472/1GSB
NTIS/PS-75/290/7GSB	NTIS/PS-75/474/7GSB	Lead(Metal), Pollution
Lagoons(Ponds), Aeration	Lasers, Carbon monoxide lasers	NTIS/PS-76/0073/7GSB
NTIS/PS-75/357/4GSB	NTIS/PS-75/658/5GSB	Lead(Metal), Pollution effects
Lakes, Sedimentation	Lasers, Deuterium fluoride lasers	NTIS/PS-76/0097/6GSB
NTIS/PS-75/886/2GSB	NTIS/PS-75/733/6GSB	Learning, Adult education
Laminar boundary layer, Flow separation	Lasers, Dye lasers	NTIS/PS-75/358/2GSB
NTIS/PS-75/814/4GSB	NTIS/PS-75/539/7GSB	Learning, Computer aided Instruction
NTIS/PS-75/815/1GSB	Lasers, Gallium arsenide lasers	NTIS/PS-75/556/1GSB
Land disposal, Liquid wastes	NTIS/PS-75/792/2GSB	NTIS/PS-75/557/9GSB
NTIS/PS-75/460/6GSB	Lasers, Gas dynamics	Leukemia
Land mobile, Telecommunication	NTIS/PS-75/573/6GSB	NTIS/PS-75/339/2GSB
NTIS/PS-75/546/2GSB	Lasers, Hydrogen fluoride lasers	Libraries, Interlibrary loans
Land reclamation, Strip mining	NTIS/PS-75/733/6GSB	NTIS/PS-75/813/6GSB
NTIS/PS-75/751/8GSB	Lasers, Infrared upconversion	Libraries, Management
Land use, Flood control	NTIS/PS-75/075/2GSB	NTIS/PS-75/873/0GSB
NTIS/PS-75/552/0GSB	Lasers, Metal vapor lasers	Libraries, microforms
Land use, Urban Areas	NTIS/PS-75/625/4GSB	NTIS/PS-75/434/1GSB
NTIS/PS-75/656/9GSB	Lasers, Optical communication	NTIS/PS-75/435/8GSB
Land use, Water resources	NTIS/PS-75/412/7GSB	Library science, Interlibrary loans
NTIS/PS-75/401/0GSB		NTIS/PS-75/813/6GSB

Library science, Management	NTIS/PS-75/873/0GSB	NTIS/PS-75/817/7GSB	Magnetic levitation, Vehicles
LIDAR	NTIS/PS-75/402/8GSB	NTIS/PS-75/818/5GSB	NTIS/PS-76/0094/3GSB
Life cycle costing	NTIS/PS-75/875/5GSB	Liquid flow, Shear properties	Magnetic measurement, Measuring instruments
Life Insurance, Payment	NTIS/PS-75/604/9GSB	NTIS/PS-75/819/3GSB	NTIS/PS-75/830/0GSB
Light detection and ranging	NTIS/PS-75/402/8GSB	Liquid waste disposal, Hazardous material	Magnetohydrodynamic generators
Light emitting diodes	NTIS/PS-75/415/0GSB	NTIS/PS-75/285/7GSB	NTIS/PS-75/448/1GSB
Light, Optical communication	NTIS/PS-75/412/7GSB	NTIS/PS-75/286/5GSB	Magnetohydrodynamics, Nuclear fusion
Lightning arresters	NTIS/PS-76/0119/8GSB	Literacy, Programmed instruction	NTIS/PS-75/850/8GSB
Lightweight armor	NTIS/PS-75/136/2GSB	NTIS/PS-75/358/2GSB	Magnetometers
	NTIS/PS-76/0106/5GSB	Lithium cells	NTIS/PS-75/830/0GSB
Limbs, Artificial limbs	NTIS/PS-75/438/2GSB	NTIS/PS-75/471/3GSB	Magnets, Superconductivity
Limiters, Electronics	NTIS/PS-76/0119/8GSB	Lithosphere, Structural geology	NTIS/PS-75/636/1GSB
Limnology, Biochemical oxygen demand	NTIS/PS-75/375/6GSB	LOans, Libraries	Maintainability, Computer programs
Limnology, Biological productivity	NTIS/PS-76/0056/2GSB	NTIS/PS-75/813/6GSB	Maintenance, Replacement theory
Limnology, Eutrophication	NTIS/PS-75/522/3GSB	Local government, Information systems	NTIS/PS-75/405/1GSB
	NTIS/PS-75/523/1GSB	NTIS/PS-75/623/9GSB	Malaria
Limnology, Sediment-water interactions	NTIS/PS-76/0021/6GSB	NTIS/PS-75/624/7GSB	NTIS/PS-75/307/9GSB
Limnology, Water quality models	NTIS/PS-75/441/6GSB	Local government, Revenue sharing	NTIS/PS-75/308/7GSB
Linear programming, Management	NTIS/PS-75/406/9GSB	NTIS/PS-75/840/9GSB	Malignant neoplasms, Lung
Linguistics, Computational	NTIS/PS-75/759/1GSB	Location, Trapped miners	NTIS/PS-75/841/7GSB
Linguistics, Machine translations	NTIS/PS-75/411/9GSB	Logic design, Computer systems hardware	Management, Construction
Linguistics, Psycholinguistics	NTIS/PS-75/747/6GSB	NTIS/PS-75/831/8GSB	NTIS/PS-75/352/5GSB
Liquefied natural gas, Marine transport	NTIS/PS-75/464/8GSB	Low temperature, Cryobiology	Management, Critical path method
Liquefied natural gas, Supply and demand	NTIS/PS-75/463/0GSB	NTIS/PS-75/508/2GSB	NTIS/PS-75/439/0GSB
Liquid bearings	NTIS/PS-75/804/5GSB	Lubricants, High temperature	Management, Game theory
Liquid crystal display systems	NTIS/PS-75/591/8GSB	NTIS/PS-75/600/7GSB	NTIS/PS-75/598/3GSB
Liquid crystals	NTIS/PS-75/591/8GSB	Lubricants, Monitoring	Management games
Liquid flow, Boundary layer transition	NTIS/PS-75/816/9GSB	NTIS/PS-75/688/2GSB	NTIS/PS-75/598/3GSB
		Lubricants, Solid lubricants	Management information systems
		NTIS/PS-75/715/3GSB	NTIS/PS-75/601/5GSB
		Lumbering, Forest land	Management information systems, Medicaid
		NTIS/PS-75/827/6GSB	NTIS/PS-75/780/7GSB
		Lumbering, Forest management	Management, Linear programming
		NTIS/PS-75/483/8GSB	NTIS/PS-75/406/9GSB
		Lumbering, Surface water runoff	Management, Mohole project
		NTIS/PS-75/856/5GSB	NTIS/PS-75/727/8GSB
		Lung, Cancer	Management, Participative management
		NTIS/PS-75/841/7GSB	NTIS/PS-75/696/5GSB
		Lymphogranuloma venereum	Management planning, Decision making
		NTIS/PS-75/777/3GSB	NTIS/PS-75/500/9GSB
		Machine tool industry, Automata	Management planning, Energy
		NTIS/PS-75/480/4GSB	NTIS/PS-75/630/4GSB
		NTIS/PS-75/481/2GSB	Management planning, Libraries
		NTIS/PS-75/482/0GSB	NTIS/PS-75/873/0GSB
		Machine tools, Numerical control	Manganese nodules, Underwater
		NTIS/PS-75/480/4GSB	NTIS/PS-75/392/1GSB
		NTIS/PS-75/481/2GSB	Manpower, Health
		NTIS/PS-75/482/0GSB	NTIS/PS-75/866/4GSB
		Machine translation	Manpower, Mathematical models
		NTIS/PS-75/411/9GSB	NTIS/PS-75/498/6GSB
		Magnetic bubble domains	NTIS/PS-75/499/4GSB
		NTIS/PS-75/686/6GSB	
		Magnetic fields, Measuring Instruments	
		NTIS/PS-75/830/0GSB	

Manpower, Medical personnel NTIS/PS-75/866/4GSB	Marine transportation, Demands needs NTIS/PS-76/0046/3GSB	Medicaid NTIS/PS-75/780/7GSB
Manpower, Productivity NTIS/PS-75/492/9GSB	Marine transportation, Insurance NTIS/PS-75/605/6GSB	Medicaid management information system NTIS/PS-75/780/7GSB
Manpower, Women NTIS/PS-76/0103/2GSB	Marine transportation, Natural gas NTIS/PS-75/464/8GSB	Medical computer applications NTIS/PS-75/507/4GSB
Manufactured gas, Coal gasification NTIS/PS-75/385/5GSB NTIS/PS-75/386/3GSB	Marketing, Fish protein concentrates NTIS/PS-75/862/3GSB	Medical information systems NTIS/PS-75/891/2GSB
Manufactured gas, Solid wastes NTIS/PS-75/655/1GSB	Marketing, Fishing Industry NTIS/PS-75/882/1GSB	Medical personnel, Manpower NTIS/PS-75/866/4GSB
Manufacturers, Publicity NTIS/PS-76/0030/7GSB	Marking, Highways NTIS/PS-75/122/2GSB	Medical services, Costs NTIS/PS-76/0018/2GSB
Manufacturing, Automatic NTIS/PS-75/480/4GSB NTIS/PS-75/481/2GSB NTIS/PS-75/482/0GSB	Mars atmosphere NTIS/PS-75/752/6GSB	Medical services, Elderly NTIS/PS-75/548/8GSB
Manufacturing, Fiberboards NTIS/PS-76/0160/2GSB	Marshes, Salt marshes NTIS/PS-75/426/7GSB	Medical services, Emergency NTIS/PS-76/0080/2GSB
Manufacturing methods, Ultrasonics NTIS/PS-75/244/4GSB	Mass communication, Urban planning NTIS/PS-75/653/6GSB	Medical services, Rural areas NTIS/PS-75/532/2GSB
Marinas, Recreational boating NTIS/PS-76/0060/4GSB	Mass transportation, Dual mode NTIS/PS-75/287/3GSB	Medicare NTIS/PS-75/780/7GSB
Marine biology, Ecology NTIS/PS-75/329/3GSB	Mass transportation, Financing NTIS/PS-75/200/6GSB NTIS/PS-75/201/4GSB	Medicine, Forensic medicine NTIS/PS-75/245/1GSB
Marine biology, Insecticides NTIS/PS-75/108/1GSB NTIS/PS-76/0035/6GSB NTIS/PS-76/0036/4GSB	Mass transportation, Passenger needs NTIS/PS-76/0044/8GSB	Medicine, Preventive medicine NTIS/PS-75/502/5GSB
Marine biology, Oil spills NTIS/PS-76/0033/1GSB	Material shortages NTIS/PS-76/0006/7GSB	Medicine, Telecommunications NTIS/PS-75/580/1GSB
Marine biology, Remote sensing NTIS/PS-75/446/5GSB	Materials degradation, Air pollution NTIS/PS-75/760/9GSB	Membranes, Desalting NTIS/PS-76/0083/6GSB NTIS/PS-76/0084/4GSB NTIS/PS-76/0085/1GSB NTIS/PS-76/0086/9GSB
Marine biology, Sewage effects NTIS/PS-75/430/9GSB	Materials, Dentistry NTIS/PS-75/512/4GSB	Membranes, Electrodialysis NTIS/PS-76/0011/7GSB NTIS/PS-76/0012/5GSB
Marine biology, Thermal pollution NTIS/PS-76/0128/9GSB NTIS/PS-76/0129/7GSB	Materials recovery, Fly ash NTIS/PS-75/646/0GSB	Memory devices, RAM NTIS/PS-75/811/0GSB
Marine engineering, Anchors(Marine) NTIS/PS-75/763/3GSB	Materials, Standard reference materials NTIS/PS-75/667/6GSB	Memory devices, ROM NTIS/PS-75/789/8GSB
Marine engineering, Fouling NTIS/PS-75/442/4GSB	Mathematical models, Air pollution NTIS/PS-75/476/2GSB	Memory devices, Semiconductor devices NTIS/PS-75/274/1GSB
Marine engineering, Mohole project NTIS/PS-75/724/5GSB NTIS/PS-75/727/8GSB	Mathematical models, Air traffic control NTIS/PS-75/521/5GSB	Memory, Human NTIS/PS-75/297/2GSB
Marine fishes, Aquaculture NTIS/PS-75/304/6GSB	Mathematical models, Ecosystems NTIS/PS-75/088/5GSB NTIS/PS-75/846/6GSB	Mental analysis, Tests NTIS/PS-76/0076/0GSB
Marine propellers, Cavitation NTIS/PS-76/0168/5GSB	Mathematical models, Hurricanes NTIS/PS-76/0027/3GSB	Mental deficiency, Rehabilitation NTIS/PS-76/0067/9GSB
Marine propellers, Design NTIS/PS-75/768/2GSB	Mathematical models, Manpower NTIS/PS-75/498/6GSB NTIS/PS-75/499/4GSB	Mercury lasers, Metal vapor lasers NTIS/PS-75/625/4GSB
Marine propellers, Mechanical properties NTIS/PS-75/767/4GSB	Mathematical models, Water quality NTIS/PS-75/441/6GSB	Mercury, Pollution NTIS/PS-75/209/7GSB
Marine propulsion, Drilling platforms NTIS/PS-75/726/0GSB	Mathematical prediction, Time series NTIS/PS-76/0031/5GSB	Mercury, Pollution effects NTIS/PS-75/210/5GSB
Marine terminals, Deepwater ports NTIS/PS-75/510/8GSB	Measurement, Metric system NTIS/PS-75/123/0GSB	Metal arc welding NTIS/PS-75/764/1GSB

Metal detectors, Guns	Microfilm	Mine safety
NTIS/PS-75/809/4GSB	NTIS/PS-75/434/1GSB	NTIS/PS-75/566/0GSB
Metal drawing	NTIS/PS-75/435/8GSB	
NTIS/PS-75/162/8GSB		
Metal finishing, Air pollution	Microform reader printers	Mine safety, Fires
NTIS/PS-75/383/0GSB	NTIS/PS-75/865/6GSB	NTIS/PS-75/562/9GSB
Metal finishing, Water pollution	Microforms	Mine ventilation, Mining engineering
NTIS/PS-75/382/2GSB	NTIS/PS-75/434/1GSB	NTIS/PS-75/196/6GSB
Metal industry, Air pollution	NTIS/PS-75/435/8GSB	
NTIS/PS-75/383/0GSB	Microorganisms, Biological pest control	Mine wastes, Coal mines
Metal industry, Water pollution	NTIS/PS-75/887/0GSB	NTIS/PS-75/112/3GSB
NTIS/PS-75/382/2GSB	Microorganisms, Oil spill degradation	NTIS/PS-76/0053/9GSB
Metal matrix composites	NTIS/PS-75/251/9GSB	Mineral deposits, Underwater
NTIS/PS-75/422/6GSB	Microprocessors	NTIS/PS-75/392/1GSB
Metal vapor lasers	NTIS/PS-75/583/5GSB	Mines, Telecommunication
NTIS/PS-75/625/4GSB	Microstraining, Sewage filtration	NTIS/PS-75/563/7GSB
Metallocarboranes, Chemistry	NTIS/PS-75/239/4GSB	Minicomputers
NTIS/PS-75/597/5GSB	Microstrip	NTIS/PS-75/572/8GSB
Metallurgy, Aluminum powder metallurgy	NTIS/PS-75/459/8GSB	Mining, Occupational diseases • Injuries
NTIS/PS-75/697/3GSB	Microwave communication	NTIS/PS-75/564/5GSB
Metallurgy, Hydrogen embrittlement	NTIS/PS-75/250/1GSB	Mining, Radiation hazards
NTIS/PS-75/749/2GSB	Microwave communications, Troposcatter	NTIS/PS-75/565/2GSB
Metals, Electrodeposition	NTIS/PS-75/457/2GSB	Minorities, American Indians
NTIS/PS-75/330/1GSB	NTIS/PS-75/458/0GSB	NTIS/PS-75/703/9GSB
NTIS/PS-75/331/9GSB	Microwave equipment, Ferrites	Minorities, Economic development
Metals, Explosive forming	NTIS/PS-75/417/6GSB	NTIS/PS-75/853/2GSB
NTIS/PS-76/0020/8GSB	Microwave landing systems	Minority business, Development
Metals, High energy rate forming	NTIS/PS-75/324/4GSB	NTIS/PS-75/845/8GSB
NTIS/PS-76/0019/0GSB	NTIS/PS-75/325/1GSB	Minority groups, Labor relations
Metals, Waste recycling	Microwaves, Radiation effects	NTIS/PS-75/290/7GSB
NTIS/PS-75/452/3GSB	NTIS/PS-75/384/8GSB	Mobile equipment, Telecommunication
Meteorological instruments, Echo sounding	Microwaves, Radiobiology	NTIS/PS-75/546/2GSB
NTIS/PS-75/641/1GSB	NTIS/PS-75/384/8GSB	Models, Ecology
Meteorological phenomena, Aviation safety	Migrant workers	NTIS/PS-75/088/5GSB
NTIS/PS-75/761/7GSB	NTIS/PS-75/240/2GSB	NTIS/PS-75/846/6GSB
Meteorological radar, Clear air turbulence	Migrations, Populations	Modems
NTIS/PS-75/761/7GSB	NTIS/PS-75/323/6GSB	NTIS/PS-75/782/3GSB
Metric system, Conversion	Military dogs	Mohole project
NTIS/PS-75/123/0GSB	NTIS/PS-75/648/6GSB	NTIS/PS-75/724/5GSB
Metrication, United States	Military equipment, Night vision devices	NTIS/PS-75/725/2GSB
NTIS/PS-75/123/0GSB	NTIS/PS-75/647/8GSB	NTIS/PS-75/726/0GSB
Metro, Washington D.C. rapid transit	Military personnel, Attitudes	NTIS/PS-75/727/8GSB
NTIS/PS-75/421/8GSB	NTIS/PS-75/298/0GSB	Molecular biology
Microcomputers	Military personnel, Career development	NTIS/PS-76/0001/8GSB
NTIS/PS-75/251/9GSB	NTIS/PS-76/0115/6GSB	Molecular structure, Biochemistry
Microelectronics, Beam leads	Military personnel, Volunteers	NTIS/PS-76/0001/8GSB
NTIS/PS-75/246/9GSB	NTIS/PS-75/621/3GSB	Molybdenum disulfide, Solid lubricants
Microelectronics, Ion implantation	Military training, Flight simulators	NTIS/PS-75/715/3GSB
NTIS/PS-75/661/9GSB	NTIS/PS-76/0068/7GSB	Monitoring, Air pollution
Microfiche	Mine acid drainage	NTIS/PS-75/529/8GSB
NTIS/PS-75/434/1GSB	NTIS/PS-75/714/6GSB	Monitoring, Water quality
NTIS/PS-75/435/8GSB	Mine fires	NTIS/PS-75/639/5GSB

Motor vehicle engines NTIS/PS-75/312/9GSB	Navigation computers, Aircraft NTIS/PS-76/0042/2GSB	Noise pollution, Airports NTIS/PS-75/530/6GSB
Motor vehicle operators, Alcohol NTIS/PS-75/505/8GSB	Navigation computers, Spacecraft NTIS/PS-76/0043/0GSB	Noise pollution, Economics NTIS/PS-75/534/8GSB
Motor vehicle operators, Behavior NTIS/PS-75/619/7GSB	Navigation, Inertial systems NTIS/PS-75/436/6GSB	Noise pollution, Highway transportation NTIS/PS-75/444/0GSB
Motor vehicle operators, Stress NTIS/PS-75/620/5GSB	Navigational aids, Simulation NTIS/PS-75/521/5GSB	Noise pollution, Sonic boom NTIS/PS-76/0175/0GSB NTIS/PS-76/0176/8GSB NTIS/PS-76/0177/6GSB
Motor vehicle operators, Training NTIS/PS-76/0113/1GSB	Negroes, Ghettos NTIS/PS-75/721/1GSB	Noise pollution, Stress(Physiology) NTIS/PS-76/0013/3GSB NTIS/PS-76/0014/1GSB
Motor vehicles, Air pollution abatement NTIS/PS-75/309/5GSB	Negroes, Interactions NTIS/PS-75/842/5GSB NTIS/PS-75/843/3GSB	Noise pollution, Stress(Psychology) NTIS/PS-76/0013/3GSB NTIS/PS-76/0014/1GSB
Motor vehicles, Air pollution control NTIS/PS-75/311/1GSB	Neoplasms, Chemicals NTIS/PS-75/844/1GSB	Noise pollution, Urban areas NTIS/PS-75/544/7GSB
Motor vehicles, Bumpers NTIS/PS-75/736/9GSB	Neoplasms, Drugs NTIS/PS-75/509/0GSB	Noise reduction, Aircraft noise NTIS/PS-75/762/5GSB
Motor vehicles, Fuel consumption NTIS/PS-75/342/6GSB	Neoplasms, Immunology NTIS/PS-75/222/0GSB	Nondestructive testing, Pavements NTIS/PS-76/0062/0GSB
Motor vehicles, Pedestrian safety NTIS/PS-75/660/1GSB	Neoplasms, Lung NTIS/PS-75/841/7GSB	Nondestructive tests, Acoustic holography NTIS/PS-75/432/5GSB
Motor vehicles, Tires NTIS/PS-75/533/0GSB	Neoplasms, Viruses NTIS/PS-76/0172/7GSB	Nondestructive tests, Holography NTIS/PS-75/431/7GSB
Motor vehicles, Traffic control NTIS/PS-75/403/6GSB	Nervous system disorders NTIS/PS-75/889/6GSB	Nondestructive tests, Ultrasonic tests NTIS/PS-75/270/9GSB NTIS/PS-75/271/7GSB
Municipalities, Urban information NTIS/PS-75/623/9GSB NTIS/PS-75/624/7GSB	Nervous system, Regeneration(Physiology) NTIS/PS-75/592/6GSB	Nondestructive tests, X rays NTIS/PS-75/666/8GSB
Mutagens, Neoplasms NTIS/PS-75/844/1GSB	Network flows, Water resources NTIS/PS-75/694/0GSB	Nonlinear acoustics NTIS/PS-75/351/7GSB
Myocardial infarction NTIS/PS-76/0117/2GSB NTIS/PS-76/0118/0GSB	Neutron activation, Concretes NTIS/PS-76/0062/0GSB	Nonlinear differential equations NTIS/PS-75/794/8GSB
Narcotics detection, Dogs NTIS/PS-75/648/6GSB	Nickel alloys, Superalloys NTIS/PS-76/0107/3GSB NTIS/PS-76/0108/1GSB NTIS/PS-76/0109/9GSB	Non-newtonian fluids NTIS/PS-75/497/8GSB
Narcotics, Drug abuse NTIS/PS-75/147/9GSB	Nickel cadmium batteries NTIS/PS-75/445/7GSB	Nuclear explosions, Seismic detection NTIS/PS-75/327/7GSB NTIS/PS-75/328/5GSB
Narcotics, Performance evaluation NTIS/PS-75/620/5GSB	Night vision NTIS/PS-76/0133/9GSB	Nuclear fuels, Radioactive hazards NTIS/PS-75/659/3GSB
National Government, Income taxes NTIS/PS-75/867/2GSB	Night vision devices NTIS/PS-75/647/8GSB	Nuclear fusion, Electron beams NTIS/PS-75/784/9GSB
National Park Service, History NTIS/PS-76/0061/2GSB	Nitrogen oxides, Air pollution NTIS/PS-75/611/4GSB	Nuclear fusion, Lasers NTIS/PS-75/783/1GSB
Natural disasters, Survival NTIS/PS-75/683/3GSB	Nitrogen oxides, Air pollution control NTIS/PS-75/607/2GSB	Nuclear fusion, Magnetohydrodynamics NTIS/PS-75/850/8GSB
Natural gas, Marine transportation NTIS/PS-75/464/8GSB	Nitrogen oxides, Air pollution effects NTIS/PS-75/610/6GSB	Nuclear medicine NTIS/PS-75/213/9GSB
Natural gas, Supply and demand NTIS/PS-75/463/0GSB	Nitrogen oxides, Atmospheric chemistry NTIS/PS-75/609/8GSB	Nuclear power plants, Accidents NTIS/PS-75/659/3GSB
Natural language, Information processing NTIS/PS-75/864/9GSB	Nitrogen oxides, Gas analysis NTIS/PS-75/608/0GSB	Nuclear power plants, Ecology NTIS/PS-75/429/1GSB
Naval training, Flight simulation NTIS/PS-76/0068/7GSB	Nitrogen, Sewage treatment NTIS/PS-75/586/8GSB	Nuclear power plants, Offshore NTIS/PS-75/684/1GSB
Navier Stokes equations, Numerical anal NTIS/PS-75/642/9GSB NTIS/PS-75/643/7GSB	Noise pollution, Aircraft noise NTIS/PS-75/762/5GSB	

Nuclear power plants, Site selection NTIS/PS-75/748/4GSB	Oil pollution, Biodegradation NTIS/PS-76/0032/3GSB	NTIS/PS-76/0085/1GSB NTIS/PS-76/0086/9GSB
Numerical analysis, Computer programming NTIS/PS-75/485/3GSB	Oil pollution, Ecology NTIS/PS-76/0033/1GSB	Osmosis, Waste treatment NTIS/PS-75/574/4GSB
Numerical control systems, Machine tools NTIS/PS-75/480/4GSB NTIS/PS-75/481/2GSB NTIS/PS-75/482/0GSB	Oil pollution, Oil water separators NTIS/PS-75/710/4GSB	Out patients NTIS/PS-75/341/8GSB
Numerical integration, NDE NTIS/PS-75/794/8GSB	Oil pollution removal NTIS/PS-75/542/1GSB	Outdoor recreation NTIS/PS-76/0138/8GSB
Numerical integration, Partial differential NTIS/PS-75/702/1GSB	Oil recovery NTIS/PS-75/254/3GSB	Oxygen toxicity NTIS/PS-75/236/0GSB
Nystagmus NTIS/PS-76/0143/8GSB	Oil shale NTIS/PS-75/362/4GSB	Oysters NTIS/PS-75/718/7GSB
Obsolescence theory, Replacement theory NTIS/PS-75/405/1GSB	Oil spills, Biodegradation NTIS/PS-76/0032/3GSB	Oysters, Aquaculture NTIS/PS-75/305/3GSB
Occupant protection, Automobiles NTIS/PS-76/0024/0GSB	Oil spills, Ecology NTIS/PS-76/0033/1GSB	Ozone, Atmospheric chemistry NTIS/PS-76/0029/9GSB
Occupational diseases, Mining NTIS/PS-75/564/5GSB	Oil spills, Oil pollution removal NTIS/PS-75/542/1GSB	Packaged sewage plants, Ships NTIS/PS-75/788/0GSB
Ocean bottom, Foundations NTIS/PS-75/255/0GSB	Oil spills, Water pollution detection NTIS/PS-75/595/9GSB	Packaging, Food packaging NTIS/PS-75/380/6GSB
Ocean bottom spreading, Paleontology NTIS/PS-76/0091/9GSB NTIS/PS-76/0092/7GSB	Oil water separators, Water pollution NTIS/PS-75/710/4GSB	Packaging materials, Recycling NTIS/PS-75/450/7GSB
Ocean currents, Remote sensing NTIS/PS-75/447/3GSB	Oil wells, Offshore drilling NTIS/PS-75/540/5GSB	Paging, Computer storage devices NTIS/PS-75/528/0GSB
Ocean law NTIS/PS-75/712/0GSB	Oils, High temperature NTIS/PS-75/600/7GSB	Paints, Highway markers NTIS/PS-75/122/2GSB
Ocean surface, Remote sensing NTIS/PS-75/446/5GSB	Omega navigation system NTIS/PS-75/151/1GSB	Paleoclimatology NTIS/PS-75/851/6GSB
Ocean waste disposal NTIS/PS-75/462/2GSB	On line systems, Information retrieval NTIS/PS-75/513/2GSB	Paleogeomagnetism NTIS/PS-75/852/4GSB
Ocean waves, Measurement NTIS/PS-75/413/5GSB	Oncogenic viruses NTIS/PS-76/0172/7GSB	Paleomagnetism NTIS/PS-75/852/4GSB
Ocean waves, Remote sensing NTIS/PS-75/447/3GSB	Optical character recognition NTIS/PS-75/892/0GSB	Paper Industry, Water pollution NTIS/PS-75/638/7GSB
Ocean waves, Sensors NTIS/PS-75/413/5GSB	Optical coatings, Solar cells NTIS/PS-75/692/4GSB	Paper, Waste disposal NTIS/PS-75/454/9GSB
Ocean waves, Tsunamis NTIS/PS-75/810/2GSB	Optical communication NTIS/PS-75/412/7GSB	Parallel processing, Scientific data NTIS/PS-76/0022/4GSB NTIS/PS-76/0023/2GSB
Oceanology, Gulf Stream NTIS/PS-75/525/6GSB	Optical communication, Attenuation NTIS/PS-75/670/0GSB	Parallel processors, Data processing NTIS/PS-76/0022/4GSB NTIS/PS-76/0023/2GSB
Oceans, Ecology NTIS/PS-75/329/3GSB	Optical equipment, Holography NTIS/PS-75/433/3GSB	Parasitic diseases, Schistosomiasis NTIS/PS-75/344/2GSB
Odor control NTIS/PS-75/723/7GSB	Optical radar NTIS/PS-75/402/8GSB	Parent child relations, Counseling NTIS/PS-75/720/3GSB
Odors, Pollution NTIS/PS-75/723/7GSB	Optical scanners, Character recognition NTIS/PS-75/892/0GSB	Parking, Urban areas NTIS/PS-76/0112/3GSB
Offshore drilling, Continental shelves NTIS/PS-75/540/5GSB	Optical storage, Computer storage NTIS/PS-76/0034/9GSB	Parole NTIS/PS-75/145/3GSB
Offshore structures NTIS/PS-75/684/1GSB	Optics, Fiber optics NTIS/PS-75/420/0GSB	Partial differential equations, Integrate NTIS/PS-75/702/1GSB
	Oral diseases NTIS/PS-75/315/2GSB	Participative management NTIS/PS-75/696/5GSB
	Osmosis, Membranes NTIS/PS-76/0083/6GSB NTIS/PS-76/0084/4GSB	

Participative management, Municipalities NTIS/PS-75/216/2GSB	Personnel development, Careers NTIS/PS-76/0115/6GSB NTIS/PS-76/0116/4GSB	Physiology, Alcoholism NTIS/PS-75/506/6GSB
Particle boards NTIS/PS-76/0157/8GSB NTIS/PS-76/0158/6GSB	Personnel management, Job satisfaction NTIS/PS-75/708/8GSB	Phytoplankton, Biological productivity NTIS/PS-76/0056/2GSB
Particles, Chemical analysis NTIS/PS-75/527/2GSB	Personnel management, Labor relations NTIS/PS-75/290/7GSB	Pilots, Stress(Physiology) NTIS/PS-75/890/4GSB
Particles, Electrostatic precipitation NTIS/PS-75/587/6GSB	Personnel, Mathematical models NTIS/PS-75/498/6GSB NTIS/PS-75/499/4GSB	Pilots, Stress(Psychology) NTIS/PS-75/890/4GSB
Passenger vehicles, Impact tests NTIS/PS-75/651/0GSB	Personnel, Productivity NTIS/PS-75/492/9GSB	Pine wood NTIS/PS-75/798/9GSB
Passengers, Demands needs NTIS/PS-76/0044/8GSB	Personnel, Seismic detection NTIS/PS-75/326/9GSB	Pipes, Drilling NTIS/PS-75/725/2GSB
Pattern recognition, Feature extraction NTIS/PS-75/514/0GSB	Personnel, Women NTIS/PS-76/0103/2GSB	Planetary environments, Mars NTIS/PS-75/752/6GSB
Pavement bases, Soil stabilization NTIS/PS-75/470/5GSB	PERT NTIS/PS-75/439/0GSB	Plants(biology), Weed control NTIS/PS-75/581/9GSB
Pavements, Asphaltic concrete NTIS/PS-75/677/5GSB NTIS/PS-75/678/3GSB NTIS/PS-75/679/1GSB	Pest control, Biological pest control NTIS/PS-75/887/0GSB	Plants(Botany), Air pollution NTIS/PS-76/0015/8GSB
Pavements, Landing fields NTIS/PS-75/518/1GSB NTIS/PS-75/519/9GSB NTIS/PS-75/520/7GSB	Pesticides, Toxicity NTIS/PS-75/756/7GSB	Plasma spraying, Coatings NTIS/PS-76/0047/1GSB NTIS/PS-76/0048/9GSB NTIS/PS-76/0049/7GSB
Pavements, Neutron activation analysis NTIS/PS-76/0062/0GSB	Petrochemical Industry, Pollution NTIS/PS-75/541/3GSB	Plasmodium NTIS/PS-75/307/9GSB NTIS/PS-75/308/7GSB
Pavements, Reflectors NTIS/PS-75/122/2GSB	Petroleum, Desulfurization NTIS/PS-75/381/4GSB	Plastics, Acrylic resins NTIS/PS-76/0151/1GSB NTIS/PS-76/0152/9GSB
PCBs NTIS/PS-75/713/8GSB	Phase shift circuits NTIS/PS-75/154/5GSB	Plastics, Combustion NTIS/PS-75/728/6GSB
PDP computers NTIS/PS-75/572/8GSB	Phase shifters NTIS/PS-75/154/5GSB	Plastics, Expanded plastics NTIS/PS-75/635/3GSB
Pedestrian safety NTIS/PS-75/660/1GSB	Phase shifters, Ferrites NTIS/PS-75/457/2GSB NTIS/PS-75/458/0GSB	Plastics, Fiberglass reinforced plastics NTIS/PS-76/0063/8GSB
Pedestrians, Traffic safety NTIS/PS-75/660/1GSB	Phased arrays NTIS/PS-75/337/6GSB NTIS/PS-75/338/4GSB	Plastics, Heat resistant plastics NTIS/PS-75/560/3GSB NTIS/PS-75/561/1GSB
Performance(Human), Work measurement NTIS/PS-75/797/1GSB	Phosphorus organic comps, Biochemistry NTIS/PS-75/837/5GSB	Plastics, Polyacrylonitriles NTIS/PS-76/0147/9GSB NTIS/PS-76/0148/7GSB
Periodicals, Publishing NTIS/PS-76/0005/9GSB	Phosphorus, Sewage treatment NTIS/PS-75/585/0GSB	Plastics, Polycarbonates NTIS/PS-75/569/4GSB
Peripheral nervous system, Regeneration NTIS/PS-75/592/6GSB	Photochemical reactions, NOx pollutants NTIS/PS-75/609/8GSB	Plastics, Polymethacrylates NTIS/PS-76/0149/5GSB NTIS/PS-76/0150/3GSB
Permafrost NTIS/PS-76/0069/5GSB NTIS/PS-76/0071/1GSB	Photographic techniques, Holography NTIS/PS-75/433/3GSB	Plastics, Polytetrafluoroethylenes NTIS/PS-75/353/3GSB
Permafrost, Foundations NTIS/PS-75/282/4GSB NTIS/PS-75/283/2GSB	Photography, Schlieren photography NTIS/PS-75/117/2GSB	Plastics, Polyurethane resins NTIS/PS-75/744/3GSB NTIS/PS-75/745/0GSB
Permafrost, Structural engineering NTIS/PS-76/0070/3GSB	Photography, Shadowgraph photography NTIS/PS-75/117/2GSB	Plastics, Reinforced plastics NTIS/PS-76/0064/6GSB
Personnel, Attitudes NTIS/PS-75/298/0GSB	Photography, X rays NTIS/PS-75/666/8GSB	Plastics, Waste recycling NTIS/PS-75/451/5GSB
Personnel detection, Warning systems NTIS/PS-75/809/4GSB	Photovoltaic cells, Silicon NTIS/PS-75/628/8GSB	Plate tectonics, Marine geology NTIS/PS-76/0091/9GSB NTIS/PS-76/0092/7GSB

Plate tectonics, Paleomagnetism NTIS/PS-75/852/4GSB	Polymers, Concrete polymer composites NTIS/PS-75/475/4GSB	Precipitation washout, Models NTIS/PS-75/476/2GSB
Plating, Electrodeposition NTIS/PS-75/330/1GSB NTIS/PS-75/331/9GSB	Polymers, Drag reducing fluids NTIS/PS-75/497/8GSB	Prefabrication, Industrialized housing NTIS/PS-75/571/0GSB
Plywood, Adhesive bonding NTIS/PS-75/861/5GSB	Polymers, Fire resistant materials NTIS/PS-75/757/5GSB	Prestressed concrete, Technology NTIS/PS-76/0098/4GSB
Polarographic analysis, Chemical analysis NTIS/PS-75/627/0GSB	Polymers, Polyacrylonitriles NTIS/PS-76/0147/9GSB NTIS/PS-76/0148/7GSB	Preventive dentistry NTIS/PS-75/315/2GSB
Police NTIS/PS-75/443/2GSB	Polymers, Polymethacrylates NTIS/PS-76/0149/5GSB NTIS/PS-76/0150/3GSB	Preventive medicine, Medical services NTIS/PS-75/502/5GSB
Police, Community relations NTIS/PS-75/695/7GSB	Polymethyl methacrylates NTIS/PS-76/0149/5GSB NTIS/PS-76/0150/3GSB	Preventive medicine, Mental health NTIS/PS-75/502/5GSB
Police, Crime prevention NTIS/PS-75/425/9GSB	Polyquinoxalines NTIS/PS-75/560/3GSB	Primary batteries, Silver cells NTIS/PS-75/649/4GSB
Police equipment, Night vision devices NTIS/PS-75/647/8GSB	Polytetrafluoroethylene NTIS/PS-75/353/3GSB	Printed circuits NTIS/PS-76/0154/5GSB NTIS/PS-76/0155/2GSB NTIS/PS-76/0156/0GSB
Political science, Deterrence NTIS/PS-76/0178/4GSB	Polyurethane foams NTIS/PS-75/634/6GSB	Printers (Data processing) NTIS/PS-75/865/6GSB
Pollution, Coal gasification NTIS/PS-75/371/5GSB	Polyurethane resins NTIS/PS-75/744/3GSB NTIS/PS-75/745/0GSB	Printing equipment, Printers NTIS/PS-75/865/6GSB
Pollution, Environmental statements NTIS/PS-75/717/9GSB	Polywater NTIS/PS-75/359/0GSB	Probation NTIS/PS-75/145/3GSB
Pollution, Odors NTIS/PS-75/723/7GSB	Population growth, Projections NTIS/PS-75/682/5GSB	Problem solving, Robots NTIS/PS-75/731/0GSB
Polyacrylamides NTIS/PS-76/0151/1GSB NTIS/PS-76/0152/9GSB	Population migrations NTIS/PS-75/323/6GSB	Product safety, Consumer products NTIS/PS-75/409/3GSB
Polyacrylates NTIS/PS-76/0151/1GSB NTIS/PS-76/0152/9GSB	Populations, Mobility NTIS/PS-75/323/6GSB	Production planning NTIS/PS-75/863/1GSB
Polyacrylates, Polymethacrylates NTIS/PS-76/0149/5GSB NTIS/PS-76/0150/3GSB	Portable equipment, Radio equipment NTIS/PS-75/547/0GSB	Production planning, Scheduling NTIS/PS-75/863/1GSB
Polyacrylonitriles NTIS/PS-76/0147/9GSB NTIS/PS-76/0148/7GSB	Position finding, Trapped miners NTIS/PS-75/563/7GSB	Productivity, Jobs NTIS/PS-75/492/9GSB
Polybenzimidazoles NTIS/PS-75/560/3GSB	Positioning, Mohole project NTIS/PS-75/726/0GSB	Professional continuing education NTIS/PS-75/358/2GSB
Polycarbonates NTIS/PS-75/569/4GSB	Potentiometric analysis, Chem. analysis NTIS/PS-75/627/0GSB	Programming language, Design NTIS/PS-75/588/4GSB
Polycarbaboranes NTIS/PS-75/554/6GSB	Powder metallurgy, Aluminum NTIS/PS-75/697/3GSB	Programming languages, Design NTIS/PS-75/588/4GSB
Polychlorinated biphenyls NTIS/PS-75/713/8GSB	Powder metallurgy, Iron NTIS/PS-75/709/6GSB	Programming languages, Reliability NTIS/PS-75/486/1GSB
Polyimides, Heat resistance NTIS/PS-75/560/3GSB	Powder metallurgy, Titanium and alloys NTIS/PS-75/766/6GSB	Programming languages, Standards NTIS/PS-75/416/8GSB
Polymeric films, Solid lubricants NTIS/PS-75/715/3GSB	Power plants, MHD generators NTIS/PS-75/448/1GSB	Projection printers NTIS/PS-75/865/6GSB
Polymerization, Silicone resins NTIS/PS-76/0057/0GSB	Power plants, Offshore NTIS/PS-75/684/1GSB	Projections, Population NTIS/PS-75/682/5GSB
Polymers, Acrylic resins NTIS/PS-76/0151/1GSB NTIS/PS-76/0152/9GSB	Power plants, Site selection NTIS/PS-75/748/4GSB	Projects, Youth NTIS/PS-75/650/2GSB
Polymers, Adhesives NTIS/PS-75/704/7GSB	Precipitation washout NTIS/PS-75/517/3GSB	Propellers(Marine), Cavitation NTIS/PS-76/0168/5GSB
		Propellers(Marine), Design NTIS/PS-75/768/2GSB
		Propellers(Marine), Fluid mechanics NTIS/PS-75/767/4GSB

Property taxes, Housing NTIS/PS-75/203/0GSB	Pulse communications, Troposcatter NTIS/PS-75/459/8GSB	Radio navigation, Very low frequency NTIS/PS-75/151/1GSB
Property taxes, Urban planning NTIS/PS-75/199/0GSB	Pupils, Teacher interactions NTIS/PS-76/0105/7GSB	Radio waves, Environmental effects NTIS/PS-76/0003/4GSB
Prophylaxis, Preventive medicine NTIS/PS-75/502/5GSB	Pyrolysis Incineration NTIS/PS-75/350/9GSB	Radioactive contaminants, Air tracers NTIS/PS-76/0144/6GSB
Prostaglandins NTIS/PS-75/176/8GSB	Pyrolytic carbon NTIS/PS-75/182/6GSB	Radioactive Isotopes, Diagnosis(Medicine) NTIS/PS-75/213/9GSB
Prostheses, Dentistry NTIS/PS-75/511/6GSB	Pyrolytic graphite, Chemistry NTIS/PS-75/616/3GSB	Radioactive isotopes, Precipitation washout NTIS/PS-75/517/3GSB
Prostheses, Artificial limbs NTIS/PS-75/438/2GSB	Pyrolytic properties, Graphite NTIS/PS-75/615/5GSB	Radioactivity, Nuclear power plants NTIS/PS-75/429/1GSB
Prosthesis, Biomaterials NTIS/PS-75/487/9GSB NTIS/PS-75/488/7GSB	Quality of life, Urban areas NTIS/PS-75/570/2GSB	Radiobiology, Extremely low frequency NTIS/PS-76/0003/4GSB
Protective equipment, Mining NTIS/PS-75/564/5GSB	Quantum electrodynamics NTIS/PS-76/0132/1GSB	Radiobiology, Laser radiobiology NTIS/PS-75/893/8GSB
Proteins, Synthetic foods NTIS/PS-75/493/7GSB	Quantum theory, Electrodynamics NTIS/PS-76/0132/1GSB	Radiobiology, Microwaves NTIS/PS-75/384/8GSB
Pseudorandom generators, Shift registers NTIS/PS-75/879/7GSB	Quasars NTIS/PS-76/0134/7GSB	Radiofrequency filters, Band pass filters NTIS/PS-76/0145/3GSB NTIS/PS-76/0146/1GSB
Psycholinguistics NTIS/PS-75/747/6GSB	Question answering, Natural language NTIS/PS-75/864/9GSB	Radiofrequency, Frequency allocations NTIS/PS-76/0054/7GSB
Psychological tests, Intelligence NTIS/PS-76/0076/0GSB	Radar jamming NTIS/PS-75/165/1GSB	Radiography NTIS/PS-75/173/5GSB
Psychology, Alcoholism NTIS/PS-75/506/6GSB	Radiation damage, Laser materials NTIS/PS-75/399/6GSB	Radiography, X rays NTIS/PS-75/666/8GSB
Psychology, Industrial psychology NTIS/PS-75/839/1GSB	Radiation effects, Cells(Biology) NTIS/PS-75/551/2GSB	Radioimmunoassay NTIS/PS-76/0125/5GSB
Psychoneuropharmacology NTIS/PS-75/489/5GSB	Radiation effects, Chromosomes NTIS/PS-75/551/2GSB	Radiology NTIS/PS-75/173/5GSB
Psychoses NTIS/PS-75/235/2GSB	Radiation effects, Ion implantation NTIS/PS-75/661/9GSB	Radiotherapy NTIS/PS-75/173/5GSB
Psychotic depression NTIS/PS-75/235/2GSB	Radiation effects, Lasers NTIS/PS-75/893/8GSB	Radiotherapy, Radioactive Isotopes NTIS/PS-75/213/9GSB
Psychotropic agents, Pharmacology NTIS/PS-75/489/5GSB	Radiation effects, Microwaves NTIS/PS-75/384/8GSB	Radomes NTIS/PS-75/847/4GSB
Public health, Nuclear power plants NTIS/PS-75/429/1GSB	Radiation hazards, Carcinogens NTIS/PS-75/844/1GSB	Rail transportation NTIS/PS-76/0170/1GSB NTIS/PS-76/0171/9GSB
Public health, Preventive medicine NTIS/PS-75/502/5GSB	Radiation hazards, Mining NTIS/PS-75/565/2GSB	Rail transportation, Demands needs NTIS/PS-76/0046/3GSB
Public opinion, Highways NTIS/PS-76/0153/7GSB	Radiation hazards, Nuclear accidents NTIS/PS-75/659/3GSB	Rail transportation, Freight NTIS/PS-76/0169/3GSB
Public opinion, Water resources NTIS/PS-75/373/1GSB	Radio communication, Mobile equipment NTIS/PS-75/546/2GSB	Railroads, Cargo transportation NTIS/PS-76/0169/3GSB
Publicity, Urban management NTIS/PS-75/653/6GSB	Radio communication, Single sideband NTIS/PS-75/449/9GSB	Railroads, Transportation management NTIS/PS-76/0170/1GSB NTIS/PS-76/0171/9GSB
Publishing Industry, Surveys NTIS/PS-76/0005/9GSB	Radio communications, Medicine NTIS/PS-75/580/1GSB	Raman spectroscopy, Laser spectroscopy NTIS/PS-76/0099/2GSB
Publishing, Libraries Surveys NTIS/PS-76/0005/9GSB	Radio communications, Troposcatter NTIS/PS-75/459/8GSB	
Pulp mills, Water pollution NTIS/PS-75/638/7GSB	Radio equipment, Portable equipment NTIS/PS-75/547/0GSB	
Pulsars NTIS/PS-76/0134/7GSB	Radio jamming NTIS/PS-75/165/1GSB	

Random access memories NTIS/PS-75/811/0GSB	Regional planning, Housing NTIS/PS-75/654/4GSB	Remote sensing, Ocean currents and waves NTIS/PS-75/447/3GSB
Range finders NTIS/PS-75/812/8GSB	Regional planning, Information systems NTIS/PS-75/623/9GSB NTIS/PS-75/624/7GSB	Remote sensing, Ocean surface NTIS/PS-75/446/5GSB
Rapid transit, BART and Metro NTIS/PS-75/421/8GSB	Regional planning, Mass communication NTIS/PS-75/653/6GSB	Remote sensing, Strip mining NTIS/PS-75/751/8GSB
Rapid transit railways, Magnetic suspensi NTIS/PS-76/0094/3GSB	Regional planning, Population NTIS/PS-75/682/5GSB	Remote sensors, ERTS NTIS/PS-76/0055/4GSB
Reaction wheels NTIS/PS-75/743/5GSB	Regional planning, Remote sensing NTIS/PS-75/104/0GSB	Remotely piloted vehicles, Airplanes NTIS/PS-75/876/3GSB
Read only memories NTIS/PS-75/789/8GSB	Regional planning, Solid waste disposal NTIS/PS-75/184/2GSB NTIS/PS-75/185/9GSB NTIS/PS-75/186/7GSB	Replacement theory, Logistics NTIS/PS-75/405/1GSB
Read only storage NTIS/PS-75/789/8GSB	Regional planning, Water resources NTIS/PS-75/374/9GSB	Research planning, Energy NTIS/PS-75/630/4GSB
Recall, Human NTIS/PS-75/297/2GSB	Regulations, Consumer affairs NTIS/PS-75/409/3GSB	Reservoirs, Aeration systems NTIS/PS-75/357/4GSB
Records, Inventory control NTIS/PS-76/0075/2GSB	Rehabilitation, Alcoholism NTIS/PS-75/506/6GSB	Reservoirs, Sedimentation NTIS/PS-75/886/2GSB
Records management NTIS/PS-76/0075/2GSB	Rehabilitation, Criminals NTIS/PS-75/711/2GSB	Residential buildings, Prefabrication NTIS/PS-75/571/0GSB
Recreation, Fishing NTIS/PS-75/468/9GSB	Rehabilitation, Family relations NTIS/PS-75/720/3GSB	Respiratory diseases, Chronic diseases NTIS/PS-75/273/3GSB
Recreation, Tourism NTIS/PS-75/148/7GSB	Rehabilitation, Juvenile delinquency NTIS/PS-75/626/2GSB NTIS/PS-75/711/2GSB	Respiratory diseases, Cigarette smoking NTIS/PS-76/0074/5GSB
Recreational boating NTIS/PS-76/0060/4GSB	Rehabilitation, Mental deficiency NTIS/PS-76/0067/9GSB	Respiratory system, Cancer NTIS/PS-75/841/7GSB
Recreational facilities, Land use NTIS/PS-76/0138/8GSB	Rehabilitation, Physical defects NTIS/PS-76/0028/1GSB	Retarded, Rehabilitation NTIS/PS-76/0067/9GSB
Recruiting, Military personnel NTIS/PS-75/621/3GSB	Reinforced plastics NTIS/PS-76/0064/6GSB	Retina, Electrophysiology NTIS/PS-75/526/4GSB
Recursive functions, Automata theory NTIS/PS-75/707/0GSB	Reinforced plastics, Carbon + graphite fl NTIS/PS-75/612/2GSB NTIS/PS-75/613/0GSB	Retirement, Older workers NTIS/PS-75/548/8GSB
Recycling, Glass NTIS/PS-75/453/1GSB	Reinforced plastics, Fiberglass NTIS/PS-76/0063/8GSB	Revenue, Government policies NTIS/PS-75/840/9GSB
Recycling, Metals NTIS/PS-75/452/3GSB	Relativity theory NTIS/PS-76/0135/4GSB	Revenue sharing, Federal government NTIS/PS-75/840/9GSB
Recycling, Packaging materials NTIS/PS-75/450/7GSB	Reliability, Integrated circuits NTIS/PS-75/247/7GSB	Reverse osmosis, Waste treatment NTIS/PS-75/574/4GSB
Recycling, Paper NTIS/PS-75/454/9GSB	Remote sensing, Archaeology NTIS/PS-75/859/9GSB	Riot control NTIS/PS-75/730/2GSB
Recycling, Plastics NTIS/PS-75/451/5GSB	Remote sensing, Disasters NTIS/PS-75/683/3GSB	Riot control agents, Civil disorders NTIS/PS-75/730/2GSB
Reentry, Mohole project NTIS/PS-75/726/0GSB	Remote sensing, Gulf Stream NTIS/PS-75/525/6GSB	Riots NTIS/PS-75/730/2GSB
Refrigerators, Cryogenics NTIS/PS-75/825/0GSB NTIS/PS-75/826/8GSB	Remote sensing, Land use NTIS/PS-75/668/4GSB	Risk analysis, Insurance NTIS/PS-75/604/9GSB
Regeneration(Physiology), Nervous syste NTIS/PS-75/592/6GSB	Remote sensing, Management planning NTIS/PS-75/104/0GSB	Risk, Nuclear facilities NTIS/PS-75/659/3GSB
Regional planning, Bus transportation NTIS/PS-75/705/4GSB NTIS/PS-75/706/2GSB		Rivers, Lead pollution NTIS/PS-76/0073/7GSB
Regional planning, Health services NTIS/PS-75/532/2GSB		Rivers, Sediment transport NTIS/PS-75/848/2GSB
		Roads, Asphalt NTIS/PS-75/672/6GSB

Roads, Beautification NTIS/PS-76/0009/1GSB	Schistosomiasis NTIS/PS-75/344/2GSB	Semiconductor devices, Charge transfer NTIS/PS-75/275/8GSB
Roads, Concrete NTIS/PS-75/677/5GSB NTIS/PS-75/678/3GSB NTIS/PS-75/679/1GSB	Schizophrenia NTIS/PS-75/235/2GSB	Semiconductor devices, Electron transfer NTIS/PS-75/275/8GSB
Roads, Markings NTIS/PS-75/122/2GSB	Schilleren photography NTIS/PS-75/117/2GSB	Semiconductor devices, Gunn effect NTIS/PS-75/227/9GSB
Robots, Artificial Intelligence NTIS/PS-75/731/0GSB	Schottky barrier devices NTIS/PS-76/0065/3GSB NTIS/PS-76/0066/1GSB	Semiconductor devices, Schottky defects NTIS/PS-76/0066/1GSB
Rock properties, Tunnelling(Excavation) NTIS/PS-75/550/4GSB	Scrubbers, Air pollution control NTIS/PS-75/163/6GSB NTIS/PS-76/0050/5GSB NTIS/PS-76/0051/3GSB NTIS/PS-76/0052/1GSB	Semiconductor diodes, Electroluminescence NTIS/PS-75/415/0GSB
Roentgenography NTIS/PS-75/173/5GSB	Scuba, Underwater equipment NTIS/PS-75/774/0GSB	Semiconductor diodes, Lasers NTIS/PS-75/415/0GSB
Roller bearings NTIS/PS-75/803/7GSB	Sea Ice, Remote sensing NTIS/PS-75/446/5GSB	Semiconductor diodes, Schottky defects NTIS/PS-76/0065/3GSB
ROM, Memory devices NTIS/PS-75/789/8GSB	Sea states, Remote sensing NTIS/PS-75/447/3GSB	Semiconductor doping, Ion Implantation NTIS/PS-75/661/9GSB
Routing, Network flows NTIS/PS-75/694/0GSB	Sea walls NTIS/PS-75/553/8GSB	Semiconductors, Amorphous semiconductors NTIS/PS-75/368/1GSB
Runways, Pavements NTIS/PS-75/518/1GSB NTIS/PS-75/519/9GSB NTIS/PS-75/520/7GSB	Sea water corrosion NTIS/PS-76/0058/8GSB	Semiconductors, Electron tube targets NTIS/PS-76/0122/2GSB NTIS/PS-76/0123/0GSB
Runways, Snow and ice removal NTIS/PS-75/829/2GSB	Sea water corrosion, Desalting plants NTIS/PS-76/0173/5GSB NTIS/PS-76/0174/3GSB	Semiconductors, Ion Implantation NTIS/PS-75/661/9GSB
Rural areas, Health services NTIS/PS-75/532/2GSB	Seals(Stoppers) NTIS/PS-75/838/3GSB	Sensors, Ocean waves NTIS/PS-75/413/5GSB
Rural areas, Medical services NTIS/PS-75/532/2GSB	Seat belts, Automobiles NTIS/PS-75/735/1GSB	Septic tanks NTIS/PS-75/388/9GSB
Safety belts, Motor vehicles NTIS/PS-75/735/1GSB	Seawater, Salt removal NTIS/PS-76/0085/1GSB NTIS/PS-76/0086/9GSB	Septicemia NTIS/PS-75/349/1GSB
Safety, Mine safety NTIS/PS-75/566/0GSB	Sediment transport, Rivers NTIS/PS-75/848/2GSB	Serology, Hepatitis NTIS/PS-75/543/9GSB
Safety, Tires NTIS/PS-75/533/0GSB	Sedimentation, Reservoirs and lakes NTIS/PS-75/886/2GSB	Serology, Isotopic labeling NTIS/PS-76/0125/5GSB
Salaries, Industries NTIS/PS-75/567/8GSB NTIS/PS-75/568/6GSB	Sediments, Water chemistry NTIS/PS-76/0021/6GSB	Sewage, Land disposal NTIS/PS-75/460/6GSB
Salinity, Ground water NTIS/PS-75/741/9GSB	Seismic arrays, Earthquakes NTIS/PS-75/326/9GSB	Sewage, Marine biology NTIS/PS-75/430/9GSB
Salmon, Aquaculture NTIS/PS-75/306/1GSB	Seismic detection, Nuclear explosions NTIS/PS-75/327/7GSB NTIS/PS-75/328/5GSB	Sewage, Ocean waste disposal NTIS/PS-75/462/2GSB
Salt marshes NTIS/PS-75/426/7GSB	Seismic detection, Seismic waves NTIS/PS-75/326/9GSB	Sewage treatment, Activated carbon NTIS/PS-75/461/4GSB
Sanguine Project NTIS/PS-76/0003/4GSB	Selective coatings, Solar cells NTIS/PS-75/692/4GSB	Sewage treatment, Activated sludge NTIS/PS-75/589/2GSB
Sanitary landfills, Solid waste disposal NTIS/PS-75/676/7GSB	Semi-arid land, Water resources NTIS/PS-75/737/7GSB	Sewage treatment, Aeration ponds NTIS/PS-75/357/4GSB
Satellite communication, Microwaves NTIS/PS-75/250/1GSB	Semiconducting films, Chemical deposition NTIS/PS-75/477/0GSB	Sewage treatment, Biological oxygen NTIS/PS-75/375/6GSB
Scheduling, Industrial production NTIS/PS-75/863/1GSB	Semiconductor computer storage NTIS/PS-75/274/1GSB	Sewage treatment, Coagulation • flotation NTIS/PS-75/582/7GSB
Schistosoma NTIS/PS-75/344/2GSB	Semiconductor devices, Beam leads NTIS/PS-75/246/9GSB	

Sewage treatment, Manufactured gas NTIS/PS-75/655/1GSB	Shortages, Materials NTIS/PS-76/0006/7GSB	Snow NTIS/PS-75/719/5GSB
Sewage treatment, Nitrogen NTIS/PS-75/586/8GSB	Shrimps, Aquaculture NTIS/PS-75/305/3GSB	Snow, Foundations NTIS/PS-75/283/2GSB
Sewage treatment, Osmosis NTIS/PS-75/574/4GSB	Sickle cell anemia NTIS/PS-75/515/7GSB	Snow removal NTIS/PS-75/829/2GSB
Sewage treatment, Phosphorus NTIS/PS-75/585/0GSB	Signal generators, Frequency synthesizers NTIS/PS-75/790/6GSB	Soaps, Cleaning agents NTIS/PS-76/0110/7GSB
Sewage treatment, Septic tanks NTIS/PS-75/388/9GSB	Signal processing, Coding NTIS/PS-75/398/8GSB	Social change NTIS/PS-75/266/7GSB
Sewage treatment, Sewage filtration NTIS/PS-75/583/5GSB	Signal processing, Fast Fourier NTIS/PS-75/645/2GSB	Social change, Urbanization NTIS/PS-75/570/2GSB
Sewage treatment, Shipborne NTIS/PS-75/788/0GSB	Signs, Human engineering NTIS/PS-75/791/4GSB	Social Indicators NTIS/PS-76/0004/2GSB
Sewage treatment, Sludge disposal NTIS/PS-75/252/7GSB	Silicates, Pollution NTIS/PS-75/746/8GSB	Social welfare, Volunteers NTIS/PS-75/754/2GSB
Sewage treatment, Urban planning NTIS/PS-75/596/7GSB	Silicon, Solar cells NTIS/PS-75/628/8GSB	Socioeconomic status, Planning NTIS/PS-76/0004/2GSB
Sewers, Combined sewers NTIS/PS-75/602/3GSB NTIS/PS-75/603/1GSB	Silicone resins, Chemical reactions NTIS/PS-76/0057/0GSB	Sociology, American Indians NTIS/PS-75/703/9GSB
Shadowgraph photography NTIS/PS-75/117/2GSB	Silicone resins, Heat resistant plastics NTIS/PS-75/561/1GSB	Sociology, Water resources NTIS/PS-75/373/1GSB
Shale oil NTIS/PS-75/362/4GSB	Silicosis NTIS/PS-75/746/8GSB	Sociometrics, Ghettos NTIS/PS-75/721/1GSB
Sharks, biology, behavior, repellents NTIS/PS-75/869/8GSB	Silver, Primary batteries NTIS/PS-75/649/4GSB	Sociopsychological surveys, Negroes NTIS/PS-75/842/5GSB NTIS/PS-75/843/3GSB
Shear flow, Fluid mechanics NTIS/PS-75/822/7GSB	Silver, Storage batteries NTIS/PS-75/649/4GSB	Soil cement NTIS/PS-75/470/5GSB
Shear flow, Gases NTIS/PS-75/820/1GSB NTIS/PS-75/821/9GSB	Simulation, Teaching methods NTIS/PS-75/335/0GSB	Soil, Consolidation NTIS/PS-75/365/7GSB
Shear flow, Liquids NTIS/PS-75/819/3GSB	Simulators, Education NTIS/PS-75/335/0GSB	Soil erosion, Control NTIS/PS-75/469/7GSB
Shear layers, Fluid flow NTIS/PS-75/822/7GSB	Single sideband communications NTIS/PS-75/449/9GSB	Soil mechanics, Foundations NTIS/PS-75/282/4GSB NTIS/PS-75/283/2GSB
Shear stresses, Fluid flow NTIS/PS-75/819/3GSB NTIS/PS-75/822/7GSB	Single sideband transmission NTIS/PS-75/449/9GSB	Soil stabilization NTIS/PS-75/470/5GSB
Shear stresses, Gas dynamics NTIS/PS-75/820/1GSB NTIS/PS-75/821/9GSB	Site selection, Power plants NTIS/PS-75/748/4GSB	Soils, Compaction NTIS/PS-75/365/7GSB
Shellfish, Aquaculture NTIS/PS-75/305/3GSB	Skid resistance, Tires NTIS/PS-75/533/0GSB	Solar air conditioning NTIS/PS-75/689/0GSB
Shielding, Electromagnetic radiation NTIS/PS-75/366/5GSB NTIS/PS-75/367/3GSB	Sleeve bearings NTIS/PS-75/802/9GSB	Solar cells, Cadmium sulfides NTIS/PS-75/693/2GSB
Shift registers, Linear sequence generators NTIS/PS-75/879/7GSB	Sludge disposal, Land disposal NTIS/PS-75/460/6GSB	Solar cells, Optical coatings NTIS/PS-75/692/4GSB
Ship hulls, Ground effect NTIS/PS-75/332/7GSB	Sludge disposal, Sewage treatment NTIS/PS-75/252/7GSB	Solar cells, Silicon NTIS/PS-75/628/8GSB
Ships, Sewage treatment NTIS/PS-75/788/0GSB	Smell businesses, Minority groups NTIS/PS-75/845/8GSB	Solar collectors NTIS/PS-75/690/8GSB
Shock(pathology), Hemorrhagic shock NTIS/PS-75/369/9GSB	Smog, Nitrogen oxide chemistry NTIS/PS-75/609/8GSB	Solar collectors, Optical coatings NTIS/PS-75/692/4GSB
	Smoke screens, Camouflage NTIS/PS-76/0079/4GSB	Solar eclipses NTIS/PS-76/0131/3GSB
	Smoking NTIS/PS-76/0074/5GSB	

Solar energy absorbers, Solar energy conc NTIS/PS-75/690/8GSB	Solid waste disposal, Textile industry NTIS/PS-75/729/4GSB
Solar energy concentrators NTIS/PS-75/690/8GSB	Solid waste disposal, Urban planning NTIS/PS-75/184/2GSB NTIS/PS-75/185/9GSB NTIS/PS-75/186/7GSB
Solar power generation, Solar generators NTIS/PS-75/691/6GSB	Solid waste disposal, Urban technology NTIS/PS-75/186/7GSB
Solar power, Offshore NTIS/PS-75/684/1GSB	Solid wastes, Synthetic fuels NTIS/PS-75/655/1GSB
Solar sea power plants NTIS/PS-75/691/6GSB	Solvent refined coal NTIS/PS-75/385/5GSB NTIS/PS-75/386/3GSB
Solar space heating NTIS/PS-75/689/0GSB	Sonar equipment, Nonlinear systems NTIS/PS-75/351/7GSB
Solid lubricants NTIS/PS-75/715/3GSB	Sonic boom, Aircraft NTIS/PS-76/0175/0GSB
Solid waste disposal, Chemical industry NTIS/PS-75/541/3GSB	Sonic boom, Damage NTIS/PS-76/0176/8GSB
Solid waste disposal, Coal mines NTIS/PS-75/112/3GSB NTIS/PS-76/0053/9GSB	Sonic boom, Stress(Physiology) NTIS/PS-76/0177/6GSB
Solid waste disposal, Dredge spoil NTIS/PS-75/755/9GSB	Sound transmission, Nonlinear systems NTIS/PS-75/351/7GSB
Solid waste disposal, Earth fills NTIS/PS-75/676/7GSB	Space heating, Solar space heating NTIS/PS-75/689/0GSB
Solid waste disposal, Economics NTIS/PS-75/536/3GSB	Spaceborne photography, Agriculture NTIS/PS-75/668/4GSB
Solid waste disposal, Fly ash NTIS/PS-75/646/0GSB	Special relativity NTIS/PS-76/0135/4GSB
Solid waste disposal, Food processing NTIS/PS-75/484/6GSB	Spectrochemical analysis, Steels NTIS/PS-75/289/9GSB
Solid waste disposal, Glass recycling NTIS/PS-75/453/1GSB	Spectroscopic analysis, X ray emission NTIS/PS-75/584/3GSB
Solid waste disposal, Hazardous materials NTIS/PS-75/285/7GSB NTIS/PS-75/286/5GSB	Spectroscopy, Laser Raman spectroscopy NTIS/PS-76/0099/2GSB
Solid waste disposal, Incinerators NTIS/PS-75/350/9GSB	Spectroscopy, Laser spectroscopy NTIS/PS-76/0100/8GSB NTIS/PS-76/0101/6GSB
Solid waste disposal, Local studies NTIS/PS-75/185/9GSB	Speech, Intelligibility NTIS/PS-75/669/2GSB
Solid waste disposal, Management NTIS/PS-75/184/2GSB	Speech recognition, Computers NTIS/PS-75/495/2GSB
Solid waste disposal, Metal recycling NTIS/PS-75/452/3GSB	Speech, Underwater NTIS/PS-75/773/2GSB
Solid waste disposal, Ocean waste disposal NTIS/PS-75/462/2GSB	Spill, Coal mines NTIS/PS-75/112/3GSB NTIS/PS-76/0053/9GSB
Solid waste disposal, Packaging materials NTIS/PS-75/450/7GSB	Sport fishing NTIS/PS-75/468/9GSB
Solid waste disposal, Paper NTIS/PS-75/454/9GSB	Sprayed coatings, Plasma flame sprayed NTIS/PS-76/0047/1GSB NTIS/PS-76/0048/9GSB NTIS/PS-76/0049/7GSB
Solid waste disposal, Plastic recycling NTIS/PS-75/451/5GSB	Squid devices NTIS/PS-75/687/4GSB
Solid waste disposal, Synthetic foods NTIS/PS-75/493/7GSB	Stack gases, Air pollution detection NTIS/PS-75/828/4GSB
	Stainless steels, Corrosion NTIS/PS-76/0114/9GSB
	Stainless steels, Stress corrosion NTIS/PS-75/786/4GSB
	Standard reference materials NTIS/PS-75/667/6GSB
	State government, Revenue sharing NTIS/PS-75/840/9GSB
	Steam engines, Motor vehicles NTIS/PS-75/312/9GSB
	Steam turbine blades, Corrosion NTIS/PS-76/0081/0GSB NTIS/PS-76/0082/8GSB
	Steam turbine blades, Erosion NTIS/PS-76/0081/0GSB NTIS/PS-76/0082/8GSB
	Steam turbines, Corrosion NTIS/PS-76/0087/7GSB NTIS/PS-76/0088/5GSB
	Steam turbines, Erosion NTIS/PS-76/0087/7GSB NTIS/PS-76/0088/5GSB
	Steel, Powder metallurgy NTIS/PS-75/709/6GSB
	Steels, Casting NTIS/PS-76/0142/0GSB
	Steels, Chemical Analysis NTIS/PS-75/289/9GSB
	Steels, Hydrogen embrittlement NTIS/PS-75/749/2GSB
	Steels, Stress corrosion NTIS/PS-75/785/6GSB
	Stochastic control NTIS/PS-75/503/3GSB NTIS/PS-75/504/1GSB
	Storage batteries, Lead cells NTIS/PS-75/472/1GSB
	Storage batteries, Lithium cells NTIS/PS-75/471/3GSB
	Storage batteries, Nickel cadmium cells NTIS/PS-75/445/7GSB
	Storage batteries, Silver cells NTIS/PS-75/649/4GSB
	Storage, Records NTIS/PS-76/0075/2GSB
	Strategic weapons, Control NTIS/PS-75/393/9GSB
	Stratosphere, Ozone NTIS/PS-76/0029/9GSB
	Streams, Sediment transport NTIS/PS-75/848/2GSB

Stress analysis, Cracks NTIS/PS-75/466/3GSB NTIS/PS-75/467/1GSB	Superalloys NTIS/PS-76/0107/3GSB NTIS/PS-76/0108/1GSB NTIS/PS-76/0109/9GSB	Symbolic programming, Computation NTIS/PS-76/0121/4GSB
Stress, Cold weather NTIS/PS-75/170/1GSB	Supercavitation, Marine propellers NTIS/PS-76/0168/5GSB	Syntactic analysis, Natural language NTIS/PS-75/864/9GSB
Stress corrosion, Stainless steels NTIS/PS-75/786/4GSB	Superconducting Magnets NTIS/PS-75/636/1GSB	Synthesis(Chemistry), Carboranes NTIS/PS-75/597/5GSB
Stress corrosion, Steels NTIS/PS-75/785/6GSB	Superconducting quantum interference device NTIS/PS-75/687/4GSB	Synthesis(Chemistry), Silicone resins NTIS/PS-76/0057/0GSB
Stresses, Cracks NTIS/PS-75/465/5GSB	Superconductivity, Electromagnets NTIS/PS-75/636/1GSB	Synthetic foods NTIS/PS-75/493/7GSB
Stress(Physiology), Diving NTIS/PS-75/278/2GSB	Superconductors, Electromagnets NTIS/PS-75/636/1GSB	Synthetic fuels, Coal NTIS/PS-75/385/5GSB NTIS/PS-75/386/3GSB
Stress(Physiology), Pilots NTIS/PS-75/890/4GSB	Superconductors, Josephson junctions NTIS/PS-75/590/0GSB	Synthetic fuels, Solid wastes NTIS/PS-75/655/1GSB
Stress(Physiology), Sonic boom NTIS/PS-76/0177/6GSB	Superconductors, Squid devices NTIS/PS-75/687/4GSB	Syphilis NTIS/PS-75/777/3GSB
Stress(Psychology), Pilots NTIS/PS-75/890/4GSB	Superports NTIS/PS-75/510/8GSB	Takeoff, Aircraft noise NTIS/PS-75/762/5GSB
Strip mining NTIS/PS-75/751/8GSB	Supersonic aircraft, Ozone chemistry NTIS/PS-76/0029/9GSB	Tanker ships. Supertankers NTIS/PS-75/510/8GSB
Strip transmission lines NTIS/PS-75/239/4GSB	Supersonic aircraft, Sonic boom NTIS/PS-76/0175/0GSB NTIS/PS-76/0176/8GSB	Taste, Food NTIS/PS-75/734/4GSB
Structural analysis, Computer programs NTIS/PS-75/428/3GSB	Supersonic transport, Aircraft exhaust NTIS/PS-75/491/1GSB	Taxation, Urban planning NTIS/PS-75/199/0GSB
Structural analysis, Finite element analy NTIS/PS-75/496/0GSB	Supertankers NTIS/PS-75/510/8GSB	Taxes, Housing NTIS/PS-75/203/0GSB
Structural analysis, Sonic boom NTIS/PS-76/0176/8GSB	Suppressors, Electronics NTIS/PS-76/0119/8GSB	Taxes, United States NTIS/PS-75/867/2GSB
Structural analysis, Wind pressure NTIS/PS-75/870/6GSB NTIS/PS-75/871/4GSB	Surface chemistry, Electrochemistry NTIS/PS-75/644/5GSB	Taxes, Urban planning NTIS/PS-75/202/2GSB
Structural design, Computer programs NTIS/PS-75/428/3GSB	Surface effect ships, Ground effect NTIS/PS-75/332/7GSB	Teacher pupil interactions NTIS/PS-76/0105/7GSB
Structural engineering, Permafrost NTIS/PS-76/0070/3GSB	Surface effect vehicles, Ground effect NTIS/PS-75/333/5GSB NTIS/PS-75/334/3GSB	Teaching methods, Individualized NTIS/PS-76/0017/4GSB
Structural geology COM-73-11802/8GSB	Surface water runoff, Urban areas NTIS/PS-75/602/3GSB NTIS/PS-75/603/1GSB	Technology assessment NTIS/PS-75/494/5GSB
Structured programming NTIS/PS-75/501/7GSB	Surface waves, Acoustic waves NTIS/PS-75/248/5GSB NTIS/PS-75/249/3GSB	Technology transfer, Theories NTIS/PS-75/884/7GSB
Structures, Earthquake engineering NTIS/PS-75/632/0GSB NTIS/PS-75/633/8GSB	Surfactants, Cleaning agents NTIS/PS-76/0110/7GSB	Tectonics, Structural geology COM-73-11802/8GSB NTIS/PS-76/0091/9GSB NTIS/PS-76/0092/7GSB
Students, Emotions NTIS/PS-75/232/9GSB	Suspension systems(Vehicles), Magnetic NTIS/PS-76/0094/3GSB	Teflon(Trademark) NTIS/PS-75/353/3GSB
Students, Teacher interactions NTIS/PS-76/0105/7GSB	Swamps, Salt marshes NTIS/PS-75/426/7GSB	Telecommunication, Economic analysis NTIS/PS-75/400/2GSB
Subways, BART and Metro NTIS/PS-75/421/8GSB	Swimming, Recreation NTIS/PS-76/0138/8GSB	Telecommunication, Mobile equipment NTIS/PS-75/546/2GSB
Sulfur dioxide, Air pollution control NTIS/PS-75/455/6GSB NTIS/PS-75/456/4GSB	Switching circuits, Design NTIS/PS-76/0089/3GSB NTIS/PS-76/0090/1GSB	Telecommunications, Frequency allocations NTIS/PS-76/0054/7GSB
Sulfur dioxide, Scrubbers NTIS/PS-76/0050/5GSB NTIS/PS-76/0051/3GSB NTIS/PS-76/0052/1GSB		Telecommunications, Medicine NTIS/PS-75/580/1GSB
		Telecommunications, Microwave communications NTIS/PS-75/250/1GSB

Telecommunications, Telephone systems NTIS/PS-75/516/5GSB	Thermionic conversion NTIS/PS-75/372/3GSB	Toxicity, Mercury NTIS/PS-75/210/5GSB
Telecommunications, Underground mines NTIS/PS-75/563/7GSB	Thermionic converters NTIS/PS-75/372/3GSB	Toxicity, Nitrogen oxides NTIS/PS-75/610/6GSB
Teleconsultation, Hospitals NTIS/PS-76/0016/6GSB	Thermionics NTIS/PS-75/372/3GSB	Toxicity, Pesticides NTIS/PS-75/756/7GSB
Telemedicine NTIS/PS-75/580/1GSB	Thin film storage devices, Magnetic films NTIS/PS-75/686/6GSB	Toxicology, Halohydrocarbons NTIS/PS-75/387/1GSB
Telemetry, Biotelemetry NTIS/PS-75/855/7GSB	Thin films, Chemical vapor deposition NTIS/PS-75/477/0GSB	Toxicology, Warfare agents NTIS/PS-75/834/2GSB
Telephone systems NTIS/PS-75/516/5GSB	Thrust bearings NTIS/PS-75/802/9GSB	Tracer studies, Air pollution NTIS/PS-76/0144/6GSB
Television broadcasting, Educational TV NTIS/PS-76/0016/6GSB	Ticks, Disease vectors NTIS/PS-75/360/8GSB NTIS/PS-75/361/6GSB	Tracked air cushion vehicles, Suspension NTIS/PS-76/0094/3GSB
Television systems NTIS/PS-76/0016/6GSB	Tidai waves, Earthquakes NTIS/PS-75/810/2GSB	Tractors, Construction equipment NTIS/PS-75/391/3GSB
Television systems, Cable television NTIS/PS-75/404/4GSB	TIG welding NTIS/PS-75/764/1GSB	Traffic control, Motor vehicles NTIS/PS-75/403/6GSB
Television transmission, Rural areas NTIS/PS-76/0016/6GSB	Time, Cargo transportation NTIS/PS-76/0010/9GSB	Traffic reduction, Car pools NTIS/PS-75/854/0GSB
Terminal flight facilities, Queueing NTIS/PS-75/521/5GSB	Time series analysis, Forecasting NTIS/PS-76/0031/5GSB	Trafficability, Snow NTIS/PS-75/719/5GSB
 	Time standards NTIS/PS-75/765/8GSB	Training, Adaptive systems NTIS/PS-76/0017/4GSB
Test equipment, Drilling NTIS/PS-75/725/2GSB	Tires, Wear-skidding-testing-safety NTIS/PS-75/533/0GSB	Training programs, Audiovisual education NTIS/PS-75/685/8GSB
 	Tissue adhesives, Acrylic resins NTIS/PS-75/440/8GSB	Training, Simulators NTIS/PS-75/335/0GSB
Textile industry, Waste treatment NTIS/PS-75/729/4GSB	Tissue adhesives, Cyanoacrylates NTIS/PS-75/440/8GSB	Tranquilizers, Pharmacology NTIS/PS-75/489/5GSB
Textiles, Fire resistant textiles NTIS/PS-75/757/5GSB	Tissue compatible materials NTIS/PS-75/487/9GSB NTIS/PS-75/488/7GSB	Transfer of Technology, Methodology NTIS/PS-75/884/7GSB
Thermal batteries, Lithium cells NTIS/PS-75/471/3GSB	Titanium alloys, Creep NTIS/PS-75/538/9GSB	Transferred electron devices NTIS/PS-75/275/8GSB
Thermal control, Heat pipes NTIS/PS-75/316/0GSB NTIS/PS-75/317/8GSB	Titanium, Creep NTIS/PS-75/538/9GSB	Transients, Protection NTIS/PS-76/0119/8GSB
Thermal pollution control, Cooling towers NTIS/PS-75/549/6GSB	Titanium, Powder metallurgy NTIS/PS-75/766/6GSB	Transistor amplifiers NTIS/PS-75/288/1GSB
Thermal pollution, Ecology NTIS/PS-76/0128/9GSB NTIS/PS-76/0129/7GSB	Tools, Drilling NTIS/PS-75/725/2GSB	Translations, Machine translations NTIS/PS-75/411/9GSB
Thermal pollution, Hydrology NTIS/PS-76/0130/5GSB	Tools, Underwater NTIS/PS-75/775/7GSB	Transmitter receivers, Portable radio NTIS/PS-75/547/0GSB
Thermal pollution, Water pollution NTIS/PS-76/0127/1GSB	Total energy systems NTIS/PS-75/215/4GSB	Transparent armor NTIS/PS-75/136/2GSB NTIS/PS-76/0106/5GSB
Thermal reactors, Automobiles NTIS/PS-75/311/1GSB	Tourism, United States NTIS/PS-75/148/7GSB	Transplantation, Immunology NTIS/PS-75/799/7GSB
	Toxic agent alarms NTIS/PS-75/832/6GSB	Transportation, Buses NTIS/PS-75/705/4GSB
	Toxicity, Beryllium NTIS/PS-75/772/4GSB	Transportation, Demand needs of users NTIS/PS-76/0044/8GSB
	Toxicity, Lead(Metal) NTIS/PS-76/0097/6GSB	Transportation, Demands needs NTIS/PS-76/0045/5GSB NTIS/PS-76/0046/3GSB

Transportation, Dial-a-ride NTIS/PS-75/665/0GSB	Trematoda, Schistosoma NTIS/PS-75/344/2GSB	Underwater mining NTIS/PS-75/392/1GSB
Transportation, Display systems NTIS/PS-75/791/4GSB	Tropospheric scatter communications NTIS/PS-75/459/8GSB	Unemployment, Youth programs NTIS/PS-75/650/2GSB
Transportation, Dual mode NTIS/PS-75/287/3GSB	Truth in advertising NTIS/PS-76/0030/7GSB	United States, History NTIS/PS-76/0061/2GSB
Transportation, Elderly NTIS/PS-75/548/8GSB NTIS/PS-75/575/1GSB	Tsunamis NTIS/PS-75/810/2GSB	Unskilled workers, Migrant workers NTIS/PS-75/240/2GSB
Transportation, Electric automobiles NTIS/PS-75/490/3GSB	Tungsten arc welding NTIS/PS-75/764/1GSB	Uranium mining, Radiation hazards NTIS/PS-75/565/2GSB
Transportation, Energy conservation NTIS/PS-75/214/7GSB	Tunnel construction, Excavation NTIS/PS-75/550/4GSB	Urban areas, Air pollution monitoring NTIS/PS-75/529/8GSB
Transportation, Fuel consumption NTIS/PS-75/342/6GSB	Tunneling machines NTIS/PS-75/550/4GSB	Urban areas, Land use NTIS/PS-75/656/9GSB
Transportation, Handicapped NTIS/PS-75/575/1GSB	Turbines, Cavitation NTIS/PS-76/0167/7GSB	Urban areas, Quality of life NTIS/PS-75/570/2GSB
Transportation, Hazardous materials NTIS/PS-75/286/5GSB	Turbines, Erosion and corrosion NTIS/PS-76/0087/7GSB NTIS/PS-76/0088/5GSB	Urban hydrology NTIS/PS-75/602/3GSB NTIS/PS-75/603/1GSB
Transportation, Hydrogen NTIS/PS-75/379/8GSB	Turbomachinery, Cascade flow NTIS/PS-75/877/1GSB NTIS/PS-75/878/9GSB	Urban information systems, Municipalities NTIS/PS-75/623/9GSB NTIS/PS-75/624/7GSB
Transportation, Law enforcement NTIS/PS-75/732/8GSB	Turbulent boundary layer, Flow separation NTIS/PS-75/814/4GSB NTIS/PS-75/815/1GSB	Urban planning, Air pollution NTIS/PS-75/545/4GSB
Transportation management, Rail freight NTIS/PS-76/0169/3GSB	Ultrasonic holography NTIS/PS-75/432/5GSB	Urban planning, Bus transportation NTIS/PS-75/706/2GSB
Transportation management, Railroads NTIS/PS-76/0170/1GSB NTIS/PS-76/0171/9GSB	Ultrasonic holography, Diagnosis NTIS/PS-75/175/0GSB	Urban planning, Citizen participation NTIS/PS-75/216/2GSB NTIS/PS-75/696/5GSB
Transportation models, Network flows NTIS/PS-75/694/0GSB	Ultrasonic welding NTIS/PS-75/244/4GSB	Urban planning, Financing NTIS/PS-75/199/0GSB
Transportation, Public opinion NTIS/PS-76/0153/7GSB	Ultrasonics, Diagnosis NTIS/PS-75/175/0GSB	Urban planning, Flood control NTIS/PS-75/552/0GSB
Transportation safety, Bicycles NTIS/PS-75/787/2GSB	Ultrasonics, Inspection NTIS/PS-75/270/9GSB NTIS/PS-75/271/7GSB	Urban planning, Ghettos NTIS/PS-75/721/1GSB
Transportation safety, Collision avoidanc NTIS/PS-75/671/8GSB	Ultrasonics, Manufacturing methods NTIS/PS-75/244/4GSB	Urban planning, Housing NTIS/PS-75/203/0GSB NTIS/PS-75/654/4GSB
Transportation, Travel habits patterns NTIS/PS-76/0025/7GSB NTIS/PS-76/0026/5GSB	Ultrasound, Diagnosis NTIS/PS-75/175/0GSB	Urban planning, Mass communication NTIS/PS-75/653/6GSB
Transportation, Travel time NTIS/PS-76/0002/6GSB NTIS/PS-76/0010/9GSB	Ultraviolet lasers NTIS/PS-75/738/5GSB	Urban planning, Noise pollution NTIS/PS-75/544/7GSB
Transportation,Buses NTIS/PS-75/706/2GSB	Underground supporting, Tunneling NTIS/PS-75/550/4GSB	Urban planning, Noise pollution control NTIS/PS-75/444/0GSB
Travel habits NTIS/PS-76/0025/7GSB NTIS/PS-76/0026/5GSB	Underwater clothing, Diving NTIS/PS-75/775/7GSB	Urban planning, Pollution taxation NTIS/PS-75/202/2GSB
Travel patterns NTIS/PS-76/0025/7GSB NTIS/PS-76/0026/5GSB	Underwater construction NTIS/PS-75/392/1GSB	Urban planning, Remote sensing NTIS/PS-75/104/0GSB
Travel, Recreation NTIS/PS-75/148/7GSB	Underwater environments, Stress(Physiol NTIS/PS-75/278/2GSB	Urban planning, Riots NTIS/PS-75/730/2GSB
Travel time, Surface transportation NTIS/PS-76/0002/6GSB	Underwater equipment, Diving NTIS/PS-75/775/7GSB	Urban planning, Sewage treatment NTIS/PS-75/596/7GSB
Trees, Fertilizers NTIS/PS-75/599/1GSB	Underwater equipment, Scuba NTIS/PS-75/774/0GSB	Urban planning, Snow and ice removal NTIS/PS-75/829/2GSB
		Urban planning, Social indicators NTIS/PS-76/0004/2GSB

Urban planning, Solid waste disposal	Vegetation, Remote sensing	Warfare, Chemical • biological agents
NTIS/PS-75/184/2GSB	NTIS/PS-75/668/4GSB	NTIS/PS-75/832/6GSB
NTIS/PS-75/185/9GSB		NTIS/PS-75/833/4GSB
NTIS/PS-75/186/7GSB		NTIS/PS-75/834/2GSB
Urban planning, Taxation	Vehicles, Remote control	NTIS/PS-75/835/9GSB
NTIS/PS-75/199/0GSB	NTIS/PS-75/876/3GSB	NTIS/PS-75/836/7GSB
Urban planning, Urban renewal	Vehicles, Seismic detection	Warfare, Civil Insurgency
NTIS/PS-75/301/2GSB	NTIS/PS-75/326/9GSB	NTIS/PS-75/700/5GSB
Urban renewal	Vehicular traffic control, Computerized	Warfare, Guerrilla warfare
NTIS/PS-75/301/2GSB	NTIS/PS-75/403/6GSB	NTIS/PS-75/699/9GSB
Urban transportation, Air pollution	Vehicular traffic, Noise pollution	Warfare, Insurgency
NTIS/PS-75/309/5GSB	NTIS/PS-75/444/0GSB	NTIS/PS-75/701/3GSB
NTIS/PS-75/545/4GSB		Warning systems, Fogs
Urban transportation, BART and Metro	Venereal diseases	NTIS/PS-76/0096/8GSB
NTIS/PS-75/421/8GSB	NTIS/PS-75/777/3GSB	Washout, Precipitation washout
Urban transportation, Buses	Vestibular apparatus	NTIS/PS-75/517/3GSB
NTIS/PS-75/705/4GSB	NTIS/PS-76/0143/8GSB	Waste disposal, Chemical warfare agents
Urban transportation, Car pools	Violence, Behavior	NTIS/PS-75/833/4GSB
NTIS/PS-75/854/0GSB	NTIS/PS-75/281/6GSB	Waste disposal, Glass
Urban transportation, Demands needs	Viruses, Herpes virus	NTIS/PS-75/453/1GSB
NTIS/PS-76/0046/3GSB	NTIS/PS-76/0093/5GSB	Waste disposal, Hazardous materials
Urban transportation, Dial-a-ride	Viruses, Neoplasms	NTIS/PS-75/285/7GSB
NTIS/PS-75/665/0GSB	NTIS/PS-76/0172/7GSB	Waste disposal, Metals
Urban transportation, Dual mode	Visual aids, Education	NTIS/PS-75/452/3GSB
NTIS/PS-75/287/3GSB	NTIS/PS-75/685/8GSB	Waste disposal, Ocean disposal
Urban transportation, Financing	Visual perception, Color	NTIS/PS-75/462/2GSB
NTIS/PS-75/200/6GSB	NTIS/PS-76/0059/6GSB	Waste disposal, Packaging materials
NTIS/PS-75/201/4GSB	Visual perception, Night vision	NTIS/PS-75/450/7GSB
Urban transportation, Mass communication	NTIS/PS-76/0133/9GSB	Waste disposal, Paper
NTIS/PS-75/653/6GSB	Vitreous state, Carbon	NTIS/PS-75/454/9GSB
Urban transportation, Noise pollution	NTIS/PS-75/618/9GSB	Waste disposal, Plastics
NTIS/PS-75/544/7GSB	Vocational guidance, Adolescents	NTIS/PS-75/451/5GSB
Urban transportation, Parking	NTIS/PS-75/626/2GSB	Waste heat, Heat recovery
NTIS/PS-76/0112/3GSB	Vocational guidance, Juvenile delinquency	NTIS/PS-75/215/4GSB
Urban transportation, Passenger needs	NTIS/PS-75/711/2GSB	Waste treatment, Food processing
NTIS/PS-76/0044/8GSB	Vocational guidance, Mental deficiency	NTIS/PS-75/484/6GSB
Urban transportation, Traffic control	NTIS/PS-76/0067/9GSB	Waste water reuse, Irrigation
NTIS/PS-75/403/6GSB	Vocational rehabilitation, Blindness	NTIS/PS-75/460/6GSB
Urbanization, Attitudes	NTIS/PS-75/427/5GSB	Water analysis, Ion selective electrodes
NTIS/PS-75/570/2GSB	Vocoders	NTIS/PS-75/622/1GSB
Urbanization, Water resources	NTIS/PS-75/680/9GSB	Water analysis, Oil pollution
NTIS/PS-75/401/0GSB	Voice communications, Underwater	NTIS/PS-75/595/9GSB
Urethane resins	NTIS/PS-75/773/2GSB	Water analysis, Water pollution detection
NTIS/PS-75/744/3GSB	Voltammetry, Chemical analysis	NTIS/PS-76/0037/2GSB
NTIS/PS-75/745/0GSB	NTIS/PS-75/627/0GSB	NTIS/PS-76/0038/0GSB
USAC reports	Volunteers, Military personnel	Water chemistry, Eutrophication
NTIS/PS-75/624/7GSB	NTIS/PS-75/621/3GSB	NTIS/PS-75/522/3GSB
User needs, Information sciences	Volunteers, Services	NTIS/PS-75/523/1GSB
NTIS/PS-75/189/1GSB	NTIS/PS-75/754/2GSB	Water management, Arid and semiarid land
User needs, Transportation	Vortex shedding, Lifting surfaces	NTIS/PS-75/737/7GSB
NTIS/PS-76/0044/8GSB	NTIS/PS-76/0072/9GSB	Water management, Water resources
Vaccines, Immunity	Wages, Employees	NTIS/PS-75/374/9GSB
NTIS/PS-75/781/5GSB	NTIS/PS-75/567/8GSB	Water pollution, Arid and semiarid land
Vegetation, Air pollution	NTIS/PS-75/568/6GSB	NTIS/PS-75/737/7GSB
NTIS/PS-76/0015/8GSB	Wallboards	
	NTIS/PS-76/0157/8GSB	
	Walsh functions, Signal processing	
	NTIS/PS-75/378/0GSB	

Water pollution, Asbestos and silicates NTIS/PS-75/746/8GSB	Water pollution effects, Lead(Metal) NTIS/PS-76/0097/6GSB	Water pollution, Thermal pollution NTIS/PS-76/0127/1GSB NTIS/PS-76/0130/5GSB
Water pollution, Bacteria NTIS/PS-76/0120/6GSB	Water pollution effects, Marine biology NTIS/PS-75/430/9GSB	Water pollution, Urban planning financing NTIS/PS-75/202/2GSB
Water pollution, Biological oxygen demand NTIS/PS-75/375/6GSB	Water pollution effects, Mercury NTIS/PS-75/210/5GSB	Water quality, Beryllium NTIS/PS-75/772/4GSB
Water pollution, Cadmium NTIS/PS-75/681/7GSB	Water pollution effects, Oil spills NTIS/PS-76/0033/1GSB	Water quality, Eutrophication NTIS/PS-75/522/3GSB NTIS/PS-75/523/1GSB
Water pollution, Chemical Industry NTIS/PS-75/541/3GSB	Water pollution effects, Oysters NTIS/PS-75/718/7GSB	Water quality management, Estuaries NTIS/PS-75/698/1GSB
Water pollution, Coastal zone management NTIS/PS-75/698/1GSB	Water pollution effects, Sewage NTIS/PS-75/430/9GSB	Water quality management, Land use NTIS/PS-75/401/0GSB
Water pollution control, Aeration NTIS/PS-75/357/4GSB	Water pollution effects, Thermal pollution NTIS/PS-76/0128/9GSB NTIS/PS-76/0129/7GSB	Water quality management, Water resources NTIS/PS-75/374/9GSB
Water pollution control, Animal wastes NTIS/PS-75/531/4GSB	Water pollution, Estuaries NTIS/PS-75/698/1GSB	Water quality, Mathematical models NTIS/PS-75/441/6GSB
Water pollution control, Aquatic plants NTIS/PS-75/581/9GSB	Water pollution, Ground water NTIS/PS-75/739/3GSB NTIS/PS-75/740/1GSB	Water quality sampling NTIS/PS-75/639/5GSB
Water pollution control, Economics NTIS/PS-75/537/1GSB	Water pollution, Indicator species NTIS/PS-75/796/3GSB	Water quality, Sediment-water interaction NTIS/PS-76/0021/6GSB
Water pollution control, Electrodialysis NTIS/PS-76/0011/7GSB NTIS/PS-76/0012/5GSB	Water pollution, Insecticides NTIS/PS-75/108/1GSB NTIS/PS-76/0035/6GSB NTIS/PS-76/0036/4GSB	Water quality, Water law NTIS/PS-75/558/7GSB NTIS/PS-75/559/5GSB
Water pollution control, Food processing NTIS/PS-75/484/6GSB	Water pollution, Mathematical models NTIS/PS-75/441/6GSB	Water resources, Arid and semiarid land NTIS/PS-75/737/7GSB
Water pollution control, Metal recovery NTIS/PS-75/452/3GSB	Water pollution, Mercury NTIS/PS-75/209/7GSB	Water resources, Attitudes NTIS/PS-75/373/1GSB
Water pollution control, Nitrogen NTIS/PS-75/586/8GSB	Water pollution, Metal industry NTIS/PS-75/382/2GSB	Water resources, Land use NTIS/PS-75/401/0GSB
Water pollution control, Oil spills NTIS/PS-76/0032/3GSB	Water pollution, Mine acid drainage NTIS/PS-75/714/6GSB	Water resources, Litigation NTIS/PS-75/558/7GSB NTIS/PS-75/559/5GSB
Water pollution control, Paper Industry NTIS/PS-75/638/7GSB	Water pollution, Monitoring NTIS/PS-75/639/5GSB	Water resources, Planning NTIS/PS-75/374/9GSB
Water pollution control, Phosphorus NTIS/PS-75/585/0GSB	Water pollution, Nuclear power plants NTIS/PS-75/429/1GSB	Water rights, Water law NTIS/PS-75/558/7GSB NTIS/PS-75/559/5GSB
Water pollution control, Textile Industry NTIS/PS-75/729/4GSB	Water pollution, Odors NTIS/PS-75/723/7GSB	Water treatment, Electrodialysis NTIS/PS-76/0011/7GSB NTIS/PS-76/0012/5GSB
Water pollution control, Urban areas NTIS/PS-75/602/3GSB NTIS/PS-75/603/1GSB	Water pollution, Offshore drilling NTIS/PS-75/540/5GSB	Water treatment, Salt removal NTIS/PS-76/0085/1GSB NTIS/PS-76/0086/9GSB
Water pollution, DDT NTIS/PS-75/640/3GSB	Water pollution, Oil pollution removal NTIS/PS-75/542/1GSB	Water waves, Measurement NTIS/PS-75/413/5GSB
Water pollution detection NTIS/PS-76/0037/2GSB NTIS/PS-76/0038/0GSB	Water pollution, Oil water separators NTIS/PS-75/710/4GSB	Weapons, Detection NTIS/PS-75/809/4GSB
Water pollution detection, Ion electrodes NTIS/PS-75/622/1GSB	Water pollution, Paper Industry NTIS/PS-75/638/7GSB	Wear analysis, Engines NTIS/PS-75/688/2GSB
Water pollution detection, Mercury NTIS/PS-75/209/7GSB	Water pollution, Polychlorinated biphenyl NTIS/PS-75/713/8GSB	Wear, Cavitation corrosion erosion NTIS/PS-76/0166/9GSB
Water pollution detection, Oil pollution NTIS/PS-75/595/9GSB	Water pollution, Recreational boating NTIS/PS-76/0060/4GSB	Wear resistance, Landing fields NTIS/PS-75/518/1GSB
Water pollution, Economics NTIS/PS-75/537/1GSB	Water pollution, Saline ground water NTIS/PS-75/741/9GSB	

NTIS/PS-75/519/9GSB	Wood products, Pine wood
NTIS/PS-75/520/7GSB	NTIS/PS-75/798/9GSB
Wear, Turbine cavitation	
NTIS/PS-76/0167/7GSB	Work, Attitudes
Weather forecasting, Hurricanes	NTIS/PS-75/300/4GSB
NTIS/PS-76/0027/3GSB	Work measurement,
Weather modification	Performance(Human)
NTIS/PS-75/722/9GSB	NTIS/PS-75/797/1GSB
Weather modification, Fog dispersal	Workload, Measurement
NTIS/PS-75/750/0GSB	NTIS/PS-75/797/1GSB
Weather modification, Hurricanes	Workmens compensation, Payment
NTIS/PS-76/0027/3GSB	NTIS/PS-75/604/9GSB
Weed control, Aquatic plants	Worms, Schistosoma
NTIS/PS-75/581/9GSB	NTIS/PS-75/344/2GSB
Weldability, Electron beam welding	X ray fluorescence analysis
NTIS/PS-76/0136/2GSB	NTIS/PS-75/584/3GSB
NTIS/PS-76/0137/0GSB	X Ray lasers
Welding, Diffusion	NTIS/PS-75/738/5GSB
NTIS/PS-75/771/6GSB	X ray photography
Welding, Electron beam welding	NTIS/PS-75/666/8GSB
NTIS/PS-76/0136/2GSB	X ray radiography
NTIS/PS-76/0137/0GSB	NTIS/PS-75/666/8GSB
Welding, Inert gas welding	X rays, Diagnosis
NTIS/PS-75/764/1GSB	NTIS/PS-75/173/5GSB
Welds, Electron beam welding	Youth, Motivation
NTIS/PS-76/0136/2GSB	NTIS/PS-75/232/9GSB
NTIS/PS-76/0137/0GSB	Youth, Programs
Whales	NTIS/PS-75/650/2GSB
NTIS/PS-76/0111/5GSB	
Wildlife management, Endangered species	
NTIS/PS-75/881/3GSB	
Wind power generation	
NTIS/PS-75/348/3GSB	
Wind pressure	
NTIS/PS-75/870/6GSB	
NTIS/PS-75/871/4GSB	
Wind shear,	
NTIS/PS-75/874/8GSB	
Windmills	
NTIS/PS-75/348/3GSB	
Women, Manpower	
NTIS/PS-76/0103/2GSB	
Wood fibers, Fiberboards	
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