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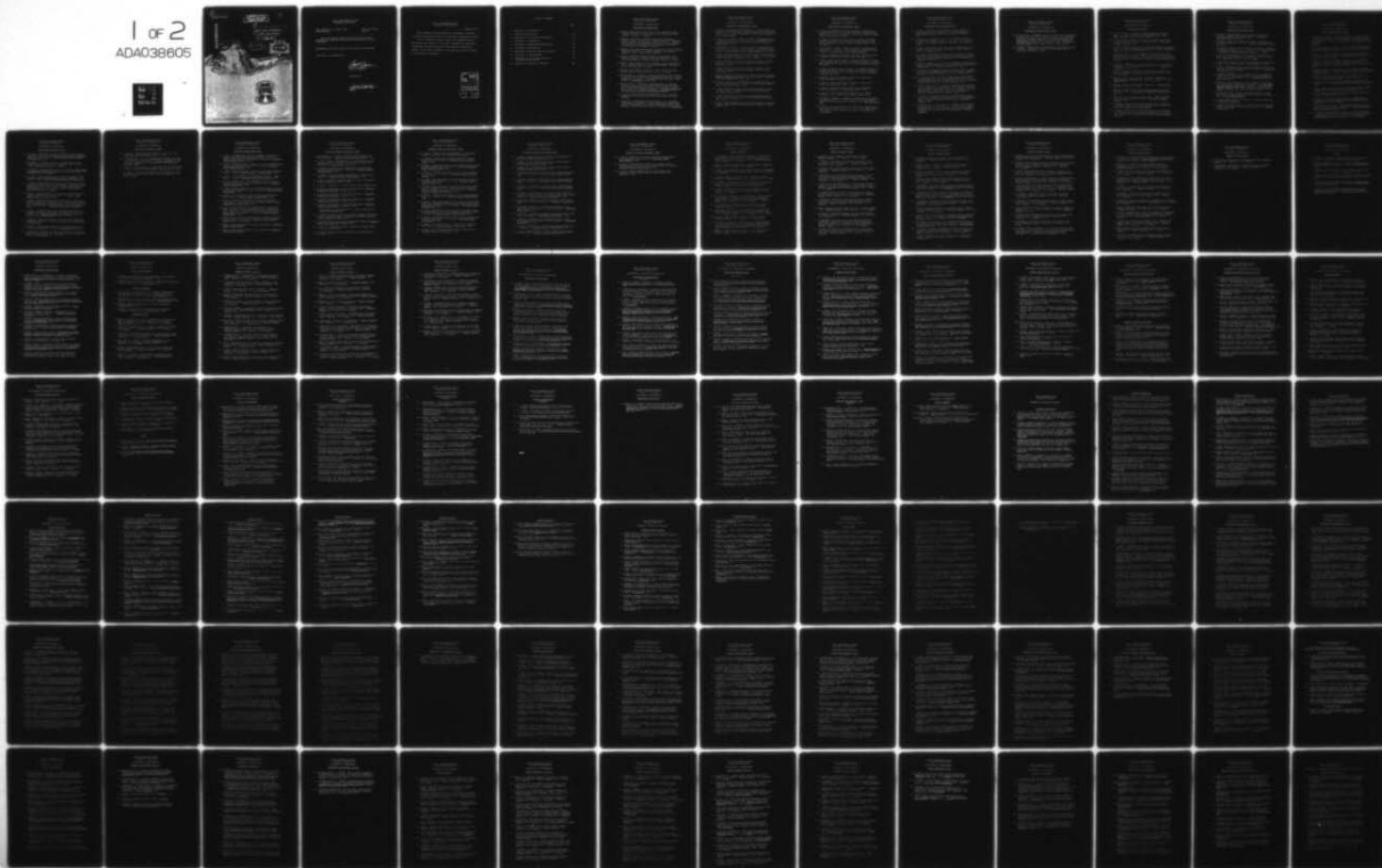
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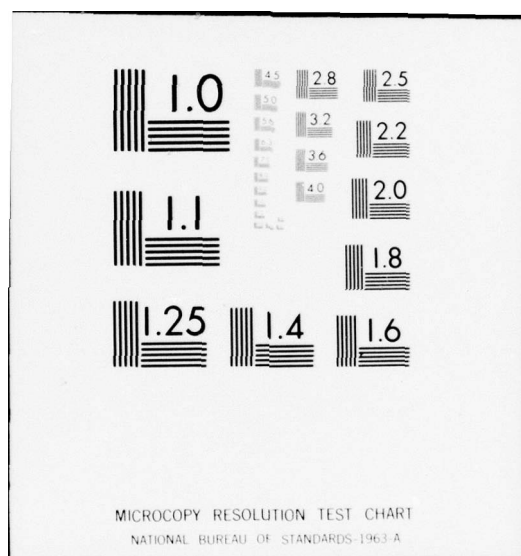
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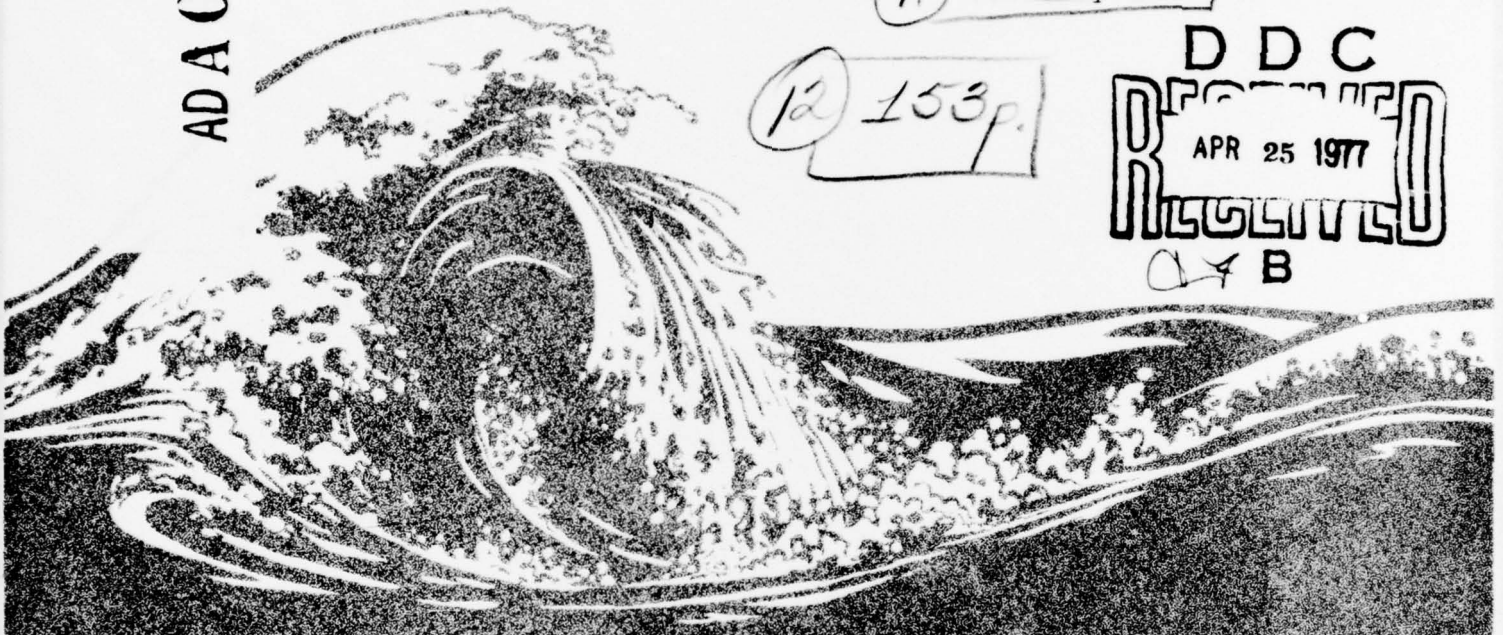
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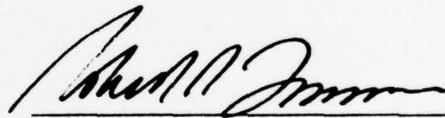
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A list of papers, reports, theses, and presentations by NPS faculty and students is included. Requests for additional information should be directed to the Defense Documentation Center, to the faculty members in the research area of interest, or to the Dean of Research.

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NAVAL POSTGRADUATE SCHOOL
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- O. Biblarz, MHD Meeting, UTSI, April 1974 (AFOSR Contract), "Voltage Profiles in the Vicinity of Non-emitting Electrodes," with R. C. Dolson.
- O. Biblarz, 27th Annual Gaseous Electronics Conference, Houston, Texas, October 1974, "Stabilization of a Medium Pressure Discharge by Turbulent Flows," with L. J. Aunchman, "Influence of Gas Turbulence on Discharge Instability," by invitation of Workshop Coordinator.
- O. Biblarz, 27th Annual APS Meeting, Division of Fluid Dynamics, "Numerical Results for Thermal Blooming in Transonic Slewing," with F. Carey and H. Burden.
- O. Biblarz, AIAA 11th Aerospace Meeting, Washington, 1973, "Density Changes in Laser Cavity Including Wall Reflections and Kinetics of Energy Release," with A. E. Fuhs.
- O. Biblarz, APS Division of Fluid Dynamics, Yale, Connecticut, 1973, "Thermal Blooming in Supersonic/Subsonic Slewing," with A. E. Fuhs and H. Burden.
- O. Biblarz, SPIE Meeting, San Diego, 1973, "Laser Internal Aerodynamics and Beam Quality," with A. E. Fuhs.
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- J. K. Arima, "Verbal Discrimination Learning: An Information Analysis of Randomly Presented 2-, 3-, and 4-word items." Paper presented at the 82nd Annual Convention of the American Psychological Association, New Orleans, LA., August 30 - 3 September 1974.
- J. K. Arima and R. D. Read, "Controlling the Riot Shotgun." Paper presented at the annual meeting of the Western Psychological Association, Sacramento, CA, April 1975.
- D. R. Barr, "Discussion of Ridge Regression and Bayesian Inference in Costing," 31st MORS, 1973. Full paper in Conference Proceedings.
- D. R. Barr, "Stochastic Implications of Utility Assignments," with F. Richards, Operations Research Society of America, Western Section Meetings, March 7, 1975.
- D. R. Barr, "Statistical Aspects of Lumpability with Applications to Manpower Models," with M. Thomas, Operations Research Society of America and the Institute of Management Sciences Joint National Meeting, April 30, 1975.
- D. R. Barr, "Probability Feedback in the Assessment of Utilities," with F. Richards, American Institute for Decision Sciences, Annual Meetings, Cincinnati, Ohio, November 5, 1975. Full paper in proceedings of the meeting.
- D. R. Barr, "Some Geometric Characteristics of Markov Chain Lumpability," with M. Thomas, Operations Research Society of America and the Institute of Management Sciences Joint National Meeting, Philadelphia, PA, March 31, 1976.
- M. K. Block, "Wealth Equivalents and Safety Decisions," TIMS XXII, Tokyo, 1975.

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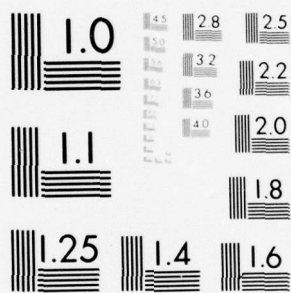
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DEPARTMENT OF OPERATIONS RESEARCH & ADMINISTRATIVE SCIENCES

CONFERENCE PRESENTATIONS (CONT)

- G. H. Bradley, "Coefficient Reduction for Inequalities in 0-1 Variables." Paper presented at the 8th International Symposium on Mathematical Programming, Stanford University, August 27-31, 1973.
- G. H. Bradley, "Why are Integer Programs Hard to Solve?" Presented at the National Meeting of the Operations Research Society of America, San Diego, November 1973.
- G. H. Bradley, "Bilateral Trade Theory: A Problem in Combinatorial Analysis and Graph Theory," with Ross Starr (Yale University), paper presented at the M.S.S.B. Colloquium on Mathematical Economics, University of California, Berkeley, August 1974.
- G. H. Bradley, "Deterministic Networks," paper presented at the Second Annual Systems Engineering Conference of the American Institute of Industrial Engineers in Minneapolis, Minnesota, November 1974.
- G. H. Bradley, G. Brown and G. Graves, "A Comparison of Storage Structures for Primal Network Codes." Paper presented at the Operations Research Society of America National Meeting, Chicago, May 1975, and invited by Management Science.
- G. H. Bradley, "Structure and Error Detection in Computer Software," with G. T. Howard and N. F. Schneidewind. Paper presented at the American Institute of Industrial Engineer's Meeting, Washington, D. C., May 1975.
- G. H. Bradley, "Fixed Order Enumeration Methods." Paper presented at the Operations Research Society of America National Meeting, Las Vegas, November 1975.
- G. H. Bradley, G. G. Brown & G. Graves, "Tailoring Primal Network Codes to Classes of Problems with Common Structure." Paper presented at the Operations Research Society of America National Meeting, Las Vegas, November 1975.
- G. H. Bradley, G. G. Brown & G. Graves, "Surrogate Programming Approach to Solution of Large Scale Primal Network Codes." Paper presented at the Operations Research Society of America National Meeting, Philadelphia, March 1976.
- G. H. Bradley, G. G. Brown & G. Graves, "Large Scale Network Optimization," IX International Symposium on Mathematical Programming, Budapest, Hungary, August 1976.

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CONFERENCE PRESENTATIONS (CONT)

- G. G. Brown, "Approximation of Stochastic Vector Products," with H. Rutemiller, Spring 1974, ORSA Meeting, Boston.
- G. G. Brown, "Matrix Inversion by Block Pivoting," ORSA Meeting, Fall 1974, San Juan, Puerto Rico.
- G. G. Brown, "A Comparison of Storage Structures for Primal Network Codes," with G. Bradley and G. Graves, Spring 1975, ORSA Meeting, Chicago.
- G. G. Brown, "A Nonlinear Programming Algorithm Using Higher Order Representations of Highly Nonlinear Problems," Spring 1975, Western ORSA Meeting, Monterey.
- G. G. Brown, "Maximum Likelihood Estimation of the Probability of Labor Force Participation When the Dependent Variable is Binary with an Application to the AFDL Population-at-Risk," with H. Rutemiller and E. Solberg, 1975, Western Economics Association, San Diego.
- G. G. Brown, "An Application of a Nonlinear Integer Programming Algorithm to an Engineering Design Problem," with G. Graves, Fall 1975, ORSA Meeting, Las Vegas.
- G. G. Brown, "An Examination of the Effects of the Criterion Functional on Optimal Fire-Support Policies," with J. Taylor, Fall 1975, ORSA Meeting, Las Vegas.
- G. G. Brown, "Canonical Methods in the Solution of Variable-Coefficient Lanchester-Type Equations of Modern Warfare," with J. Taylor, Fall 1975, ORSA Meeting, Las Vegas.
- G. G. Brown, "Tailoring Primal Network Codes to Classes of Problems with Common Structure," with G. Bradley and G. Graves, Fall 1975, ORSA Meeting, Las Vegas.
- G. G. Brown, "Development of a New Large Scale Linear, Integer, Nonlinear Programming Code with Dynamic Factorization," with G. Bradley and G. Graves, Fall 1976, ORSA Meeting, Miami.
- R. W. Butterworth, "Determining Staffing Levels for Out-patient Walk-In Clinics." An invited presentation at the Forum on Ambulatory Care Systems, National Cooperative Services Center for Hospital Management Engineering, San Francisco, California, June 1975.

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CONFERENCE PRESENTATIONS (CONT)

- C. B. Derr, "Contingency Approaches to Conflict Management." Paper presented at Western Academy of Management Meeting, Las Vegas, March 1975.
- C. B. Derr, "Organization Development in Schools." Paper presented at American Educational Research Association Meeting, Washington, D. C., March 1975.
- R. S. Elster, "Development of a Man-to-Man Rating Scale for Evaluating Performance," American Psychology Association, Montreal, September 1973. Published in Conference Proceedings.
- R. S. Elster, "Subordinate Ratings: Why Not?" Military Testing Association, San Antonio, November 1973. Published in Conference Proceedings.
- R. S. Elster, "An Organizational Development Program in Two Navy Organizations Staffed by Military and Civilian Personnel," with W. Githens, Proceedings of the 1974 Psychology in the Air Force Symposium, Colorado Springs, April 1974.
- R. S. Elster, "Selection of Students for the Naval Postgraduate School," with W. Githens, Proceedings of the 1974 Military Testing Association Convention, Oklahoma City, October 1974.
- C. K. Eoyang, "Systems Analysis and the Dynamics of Manpower." Paper presented to the XXII International Meeting of the Institute of Management Sciences, Kyoto, Japan, July 1975.
- C. K. Eoyang, "Studies of the Effectiveness of Paramedical Usage in Medical Care Delivery," with W. C. Giauque, R. T. Harris, & C. B. Derr, NATO Conference on Systems Science in Health Care, July 1976.
- C. K. Eoyang, "The Effects of Similarity and Dissimilarity on Group Performance," with K. W. Wells, American Psychological Association, Washington, D. C., August 1976.
- D. P. Gaver, "Methods for Assessing Variability, with Emphasis on Simulation Data Interpretation," International Symposium on Uncertainties in Hydrologic and Water Resources Systems, University of Arizona, Tucson, 1973.
- D. P. Gaver, "On the Magnitude and Duration of Traffic Jams on Roads," International Statistical (invited paper), Vienna, Austria, August, 1973. Paper in conference record.

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CONFERENCE PRESENTATIONS (CONT)

- D. P. Gaver, "Probability Models in Logistics," Logistics Symposium, Fall 1973. Paper to appear in Proceedings.
- W. C. Giauque, "Studies on the Effectiveness of Paramedical Usage in Medical Care Delivery," with R. Harris, presented at the Ninth Annual Health Systems Symposium, November 1975, Carmel, CA.
- W. C. Giauque, "Applications of Computers in Medical Care Delivery," presented at the Ambulatory Health Care Symposium, February 1976, San Diego, CA.
- W. J. Haga, "Professionalism and the Role Making Process," at American Psychological Association, Montreal, August 1973.
- W. J. Haga, "Bureaucracies and Adhocracies," at American Psychological Association, Montreal, August 1973.
- W. J. Haga, "Professionalism and the Dysfunctional Use of Organization Resources," Western Economic Association, Las Vegas, June 1974.
- W. J. Haga, "Can an Engineer Join a Union and Still be Professional?" at American Institute of Aeronautics and Astronautics, Los Angeles, August 1975.
- J. K. Hartman, "A Global Search Method for Functions of Several Variables," 44th National ORSA meeting, San Diego, Calif., November 1973. Abstract published in ORSA Bulletin, Vol. 21, Supplement 2, Fall 1973.
- J. K. Hartman, "Auditing Cost-Effectiveness Analyses of Technological Changes," with N. K. Womer, January and May 1973. Published in Proceedings of 31st MORS, Spring 1973, Washington, D. C.
- J. K. Hartman, "Extension of the Grid Linearization Method for Convex Optimization to Nonconvex Nonlinear Programs," presented at the ORSA/TIMS Joint National Meeting, 17-19 November 1975, Las Vegas. Abstract published in ORSA Bulletin, Vol. 23, Supplement 2, Fall 1975.
- J. K. Hartman, "The Potential for Use of Quantitative Methods in Education and Training Systems Management," COMNAVAIRPAC Educational Systems Management Seminar, Naval Postgraduate School, 18-22 August 1975.

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CONFERENCE PRESENTATIONS (CONT)

- G. T. Howard, "Structure and Reliability of Computer Software," with G. H. Bradley, T. F. Green & N. F. Schneidewind. Proceedings of 26th Annual Conference and Convention, American Institute of Industrial Engineers, Washington, D. C., 20-23 May 1975.
- G. T. Howard, "Program Structures Complexity and Error Characteristics," with T. F. Green, R. J. Pariseau & N. F. Schneidewind. Proceedings of the 1976 Microwave Research Institute Symposium on Computer Software Engineering, April 1976.
- J. A. Jolly, "The Nature of Firms Manufacturing Non-Industrial Non-Communications Microwave Products in the USA," Loughborough University, U.K., 73 Symposium on Microwave Power, Summary and Abstract in Conference Proceedings.
- J. A. Jolly, "Technical Advances in Operational Microwave Industrial Process Systems in North America," published in the Proceedings of the 7th International Congress on Electro Heat, Warsaw, Poland, 1972. Published in 1973.
- J. A. Jolly, "A Study of the Technology Transfer Capability of Eleven Organizations," NAVMAT HQ, Washington, D. C., Workshop on Technology Transfer, June 9, 1975.
- J. A. Jolly, "Technology Transfer and Utilization: A Longitudinal Study Using Benefit Analysis to Measure the Results from an R&D Laboratory," NATO-ASI on Industrial Applications of Technology Transfer, June 22-July 3, 1975, Les Arcs, Bourg St. Maurice, FRANCE.
- C. J. Jones, "Escalation Provisions for Navy Contracts: Issues and Choices," with M. G. Sovereign, Proceedings of the Fourth Annual DOD Procurement Research Symposium, October 1975.
- C. R. Jones, "The Naval Ship Acquisition Process as a System," with S. M. Dean, M. G. Sovereign, presentation to the Navy R&D Council for Acquisition Research, December 1975.
- R. R. Judson, "The Maturing of Congressional Responsibilities in Acquisition," San Francisco Chapter of the National Contract Management Association, San Francisco, December 1974. Full paper in Conference Proceedings.

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CONFERENCE PRESENTATIONS (CONT)

- R. R. Judson, "Procurement Management Education: What Should be Done?" National Contract Management Association, National Symposium, Los Angeles, July 1975. Full paper in Conference Proceedings.
- M. B. Kline, "Economic Considerations for Maintainability," 6th Annual SRE/ASQC Seminar, Niagara Falls, New York, September 1973. Full paper in Proceedings.
- M. B. Kline, "Preparing for a New Program - Concept/Predesign/Proposal," ETA Working Conference on New Perspectives in Product Effectiveness, May 1974, San Diego. Session minutes in Conference Proceedings.
- M. B. Kline, "Maintenance and Maintainability Interfaces in Integrated Logistics Support," ADPA/VS Army Material Command Maintainability Engineering Symposium, Washington, D. C., September-October 1974. Full paper in Proceedings.
- P. A. W. Lewis, "Large Scale Computer Assisted Statistical Computation," 6th Conference on Computer Science and Statistics, 1973.
- P. A. W. Lewis, "Statistical Tests of Some Widely Used and Recently Proposed Uniform Random Number Generators," with G. P. Learmonth. In Proceedings 7th Conference on Computer Science and Statistics, 1974.
- P. A. W. Lewis, "Marked Cluster Point Processes as Models for Earthquake Occurrence," International Geophysics Conference, Cambridge, England, 1974.
- P. A. W. Lewis, "Mixed Moving Average and Autoregressive Gamma Point Processes," Point Process Workshop, London, 1974. Also at Annual Statistical Societies Meetings, August 1975.
- P. A. W. Lewis, "Recent Results in the Generation and Testing of Uniform Random Variates," TIMS Meeting, Kyoto, 1975.
- K. T. Marshall, "Data Bank Retrieval and Confidentiality Problems," Symposium on the Utilization of Organizational Indicator Data (sponsored by ONR), University of Michigan, September 1974. Published in the Proceedings.
- K. T. Marshall, "Interactive Manpower Policy Planning Models in the U. S. Navy and Marine Corps," with R. M. Oliver, ORSA/TIMS National Meeting, Puerto Rico, October 1974.

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- K. T. Marshall, "Some Optimization Models in Long-Run Manpower Planning," with R. C. Grinold, ORSA/TIMS Meeting, Philadelphia, PA, April 1976.
- P. R. Milch, "Life Testing Type Data From Military Experiments," Joint ORSA/TIMS Meeting, November 17-19, 1975, Las Vegas, Nevada.
- D. E. Neil, "Biorhythms and Industrial Safety," National Safety Congress, Chicago, October 1974. Summary published in Congress Proceedings.
- D. E. Neil, "Behavioral Techniques for "Early Warning" Health Screening Systems," National Science Foundation National Conference on Future Directions in Occupational Safety and Health, Columbus, MD, May 1974. Published in Conference Proceedings.
- D. E. Neil and S. O. Parsons, "Possible Application of Biorhythm to Flight Safety." Invited paper presented at the International Airline Transport Association Conference, Istanbul, Turkey, November 1975.
- D. E. Neil, "Biorhythm," presented at Office of Naval Research Meeting on Brain Mechanism and Behavior, Monterey, CA, July 1975.
- S. H. Parry, "An Analysis of Factors Affecting a Tank Commander's Firing Decision Process," Thirteenth Army Operations Research Symposium, Fort Lee, VA, October - November 1974. Paper to appear in the Proceedings.
- S. H. Parry, "A First Cut Method for Evaluating Improvements in Tank Performance Due to Design Changes," Fourteenth Army Operations Research Symposium, Fort Lee, VA, 17-20 November 1975. Full paper published in the Proceedings.
- S. H. Parry, "An Analysis of Field Artillery Unit Configurations Employing Cannon Launched Guided Projectiles," Fourteenth Army Operations Research Symposium, Fort Lee, VA, 17-20 November 1975. Full paper published in the Proceedings.
- S. H. Parry, "The XM-1 Tank Material Needs Study - An Application of DYN-TACS-X and FAST (Bonder-IUA)," with D. Brown, Thirty-Sixth Military Operations Research Symposium, Quantico, VA, 16-18 December 1975.

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CONFERENCE PRESENTATIONS (CONT)

- G. K. Poock, "Kirlian Photography as a Medical Diagnostic Tool." Invited Speech, Canadian Medical Association, Annual Conference, Toronto, June 1974.
- G. K. Poock, "Current Status of Kirlian Photography Development: Poock-Sparks Cinematography." Invited Speech, Ontario Medical Association 95th Annual Meeting, May 5, 1975, London, Ontario.
- G. K. Poock, "High Voltage Motion Picture Photography," New York Academy of Medicine and IKRA, Conference, May 17, 1975. Invited Speech (presented in absentia).
- G. K. Poock, "The Poock-Sparks Technique of Motion Picture Kirlian Photography and a Technique for Quantifying Kirlian Photographs." Invited speech presented in absentia via tape to the 2nd International Conference of the International Association for Psychatronic Research, July 1-4, 1975, Monte Carlo, Monaco.
- G. K. Poock, "High Voltage Photography: Applications and Pitfalls." Invited speech presented to Fall Conference, Drexel University, Office of Continuing Education and IKRA, November, 1975, Philadelphia, PA.
- W. M. Raike, "Extensions of Some Results of Gale and Nikaido Concerning Global Unicity of Solutions to Nonlinear Inequalities," with A. Charnes and J. Stutz, Operations Research Group (Monterey) Working Paper, September 1973.
- W. M. Raike, "Performance-Constrained Deterministic and Probabilistic Multiperiod Inventory Problems: Part I. Operations Research Group (Monterey) Working Paper, September 1973.
- W. M. Raike, "Solutions to Triangular Conditional E-Models Arising from Inventory Problems," International Conference on Stochastic Programming, Oxford University, England. Paper to be published in Conference Proceedings.
- F. R. Richards, "Demand Forecasting - The View from Academe, MORS," Annapolis, June 1973. Paper published in Conference Proceedings, U. S. Naval Academy.
- F. R. Richards, "A Rationale for Selecting a Family of Demand Distributions for Inventory Systems," Proceedings 1974 Spring Conference American Institute of Industrial Engineers, May 1974, with M. U. Thomas. Paper published in record.

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CONFERENCE PRESENTATIONS (CONT)

- F. R. Richards, "An Experiment in Teaching Probability to Junior High School Students," Fall Math Conference of Monterey Peninsula Unified School District, Monterey, October 1974.
- F. R. Richards, "Comments on the Distribution of Inventory Position in a Continuous-Review (s,S) Inventory System," ORSA/TIMS Meeting, San Juan, Puerto Rico, October 1974.
- F. R. Richards, "Stochastic Implications of Utility Assignments," Wester Section ORSA Meeting, Monterey, March 1975, with Donald R. Barr.
- N. F. Schneidewind, "Using Time-Sharing for Software Reliability Analysis," Proceedings of the Second Annual Computer Communications Conference at California State University, San Jose, January 1973.
- N. F. Schneidewind, "Lecturer in U.C.L.A. Engineering and Physical Sciences Division Short Course," August 1973.
- N. F. Schneidewind, "Analytic Model of Software Quality Control," ORSA 43rd National Meeting, Milwaukee, Wisconsin, May 1973.
- N. F. Schneidewind, "Management Information Systems," Sponsored by Data Processing Management Association, Harnell College, Salinas, CA, 9 April 1973.
- N. F. Schneidewind, "Current Results of Command and Control Software Reliability Evaluation," Federal Government Computer Performance Evaluation Users Group, Naval Postgraduate School, Monterey, CA, 22 March 1973.
- N. F. Schneidewind, "Data Privacy and Security," Salinas Valley, Monterey Peninsula Chapter of the National Association of Accountants and Data Processing Management Association, 15 January 1974.
- N. F. Schneidewind, "Mass and Memory System Peripherals," Eighth IEEE Computer Society International Conference, San Francisco, February 1974. Full paper in Proceedings.
- N. F. Schneidewind, Management Information Systems, Data Processing Management Association, Hartnell College, Salinas, CA, 18 April 1974.

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CONFERENCE PRESENTATIONS (CONT)

- N. F. Schneidewind, "Software Complexity and the Cost of Testing," AIEE National Conference, 1975, with G. Bradley and G. Howard. Accepted.
- N. F. Schneidewind, "Simulation of Error Detection in Computer Programs," Symposium on the Simulation of Computer Systems, Sponsored by National Bureau of Standards and the ACM, Boulder, Colorado, August 12-14, 1975.
- N. F. Schneidewind, "Structure and Error Detection in Computer Software," with G. Bradley and G. Howard, AIEE National Conference, Washington, D. C., May 21-23, 1975.
- N. F. Schneidewind, "An Analysis of Computer Performance and Resource Usage in a Multi-programming Environment," ORSA/TIMS Meeting, Chicago, IL, May 2, 1975.
- N. F. Schneidewind, "Analysis of Errors in Computer Software," 1975 International Conference on Reliable Software, Sponsored by IEEE, ACM, and NBS, Los Angeles, CA, April 21-23, 1975.
- N. F. Schneidewind, "Simulation of Error Detection in Computer Programs," ORSA Western Section Meeting, Monterey, CA, March 17, 1975.
- D. A. Schrady, "The State of OR Theory Available for Military Application: Supply Management," Proceedings of 3th MORS (SECRET), September 1973.
- D. A. Schrady, "Graduate Education in OR/SA for Military Officers," Proceedings of 30th MORS, (SECRET), September 1973.
- D. A. Schrady, Discussant of Paper, "Logistic Performance Indicators for Cost-Benefit Analyses of Automatic Data Processing Systems," Proceedings of the 32nd MORS (SECRET), September 1974.
- D. A. Schrady, "A Survey of Inventory Theory and Practice," with D. Gross. Commissioned Survey paper for the ONR/GWU Logistics Research Conference, May 1974.
- D. A. Schrady, "Current Trends in Military Operations Research," Joint National Meeting of the Operations Research Society of America and the Institute of Management Sciences, Chicago, May 1975.

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CONFERENCE PRESENTATIONS (CONT)

- M. G. Sovereign, "Fullcosting of Weapons Systems," Proceedings of the 7th Annual DOD Cost Research Symposium, compiled by the Office of the Comptroller of the Army, Washington, D. C.
- M. G. Sovereign, "Results of the Seminar on Acquisition Cost Estimating Models," Chairman's Summary of Acquisition Cost Estimating Group, 8th Annual DOD Cost Research Symposium, Airlie, VA, November 1973.
- J. G. Taylor, "Survey on the Optimal Control of Lanchester-Type Attrition Processes," Workshop on the State of the Art of Mathematics in Combat Models, McLean, VA, June 1973.
- J. G. Taylor, "Lanchester-Type Models of Warfare," invited tutorial, presented before the 46th National Meeting of the Operations Research Society of America (ORSA), San Juan, Puerto Rico, October 1974.
- J. G. Taylor, "The Force-Ratio Equation for Some Lanchester-Type Models of Warfare," with S. Parry (presented by G. Lindsay), presented at the 47th Joint ORSA/TIMS National Meeting, Chicago, Illinois, May 1975.
- J. G. Taylor, "A Tutorial on Lanchester-Type Models of Warfare," 35th Military Operations Research Symposium, Annapolis, MD, July 1975.
- J. G. Taylor, "Summary of Invited Papers," ONR Fire Support Methodology Workshop, Monterey, CA, August 1975.
- J. G. Taylor, "A General Theory for Lanchester Combat Models," with C. Comstock (presented by C. Comstock), SIAM-SIGNUM 1975 Fall Meeting, San Francisco, CA, December 1975.
- J. G. Taylor, "On the Relationship Between the Force Ratio and the Instantaneous Casualty-Exchange Ratio for Some Lanchester-Type Models of Warfare," Philadelphia Joint ORSA/TIMS National Meeting, Philadelphia, PA, April 1976.
- K. Terasawa, "Generating Quantitative Data Requirements for Pricing of Publicly Provided Goods," TIMS International Conference, July 1975, Kyoto, Japan.
- M. U. Thomas, "A Decision Analytic Approach to the Diagnosis of Coronary Heart Disease," IEEE Conference on Systems, Man, and Cybernetics, Boston, November 1973. Paper published in Conference Proceedings.

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CONFERENCE PRESENTATIONS (CONT)

- R. A. Weitzman, "Pattern Scoring of Short Predictors," Proceedings of the 81st Annual Convention of American Psychological Association, 1973.
- D. R. Whipple, "On the Optimal Mix of Health and Income Insurance," at Western Economic Association Meetings, Claremont, CA, August 1973.
- D. R. Whipple, "Utilization of Military Health Care Facilities," at Operations Research Society of America Meetings, San Diego, CA, November 1973. (With David Walsh)
- D. R. Whipple, "The Military Health Care System: Model for the Future or Rusting Edsel?" at 7th Annual Health Systems Symposium, University of Massachusetts, September 1973.
- D. R. Whipple, "Cooperative Energy Management," with Ronald Cummings, at ORSA Meetings, San Diego, CA, November 1973.
- D. R. Whipple, "The Perceived Quality of Health Care in the U. S. Military Delivery System," with R. Harris, NATO Conference on Human Factors in Health Care, Lisbon, Portugal, 1974.
- D. R. Whipple, "Some Thoughts on the Structure of the U. S. Military Health Care Delivery System," Military Operations Research Society, Ft. Eustis, VA, December 1974.
- D. R. Whipple, "The Use of Operations Research to Generate Alternative Health Plan Structures," at ORSA Meeting, Boston, MA, April 1974.
- D. R. Whipple, "Analytical Aspects of a Multi-Regional Health Care Voucher System," at Western Economic Association Meetings, Las Vegas, Nevada, June 1974.
- D. R. Whipple, "Optimal Replacement: An Extension to Consumer Durables," with K. Terasawa, at Operations Research Society of America Meeting, San Juan, Puerto Rico, October 1974.
- D. R. Whipple, "An Integrated Production Function for a Military HMO," at Military Applications Section of the Operations Research Society of America, San Juan, Puerto Rico, October 1974.
- D. R. Whipple, "Doctors, Patients and the Demand for Health Care," at First Annual Eastern Economics Association Meeting, Albany, New York, October 1974.

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- D. R. Whipple, "On an Aspect of the Supply of Physicians to the Civilian and Military Sectors," with M. K. Block, presented at Society of Government Economists Meetins, Washington, D. C., March 1975.
- D. R. Whipple, "Analytical Properties of Health Care as a Right," with John Hoag, at Western Economics Association Meeting, San Diego, CA, June 1975.
- D. R. Whipple, "Revolution vs Evolution in Health Care Delivery," at Association for Humanistic Psychology Meeting, Estes Park, Colorado, August 1975.

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JOURNAL PUBLICATIONS

- J. K. Arima, "Military Significance and Investment Risk of Navy R&D Programs in Personnel and Training, I. Methodology and Primary Findings," JSAS Catalog of Selected Documents in Psychology, Fall Issue, 1973, ms. #761.
- J. K. Arima, "Verbal Discrimination Learnings: An Information Analysis of Randomly Presented 2-, 3-, and 4-Word Items." JSAS Catalog of Selected Documents in Psychology, 4 (1974), ms. #757.
- J. K. Arima, "Improvement of Small-Arms Pointing Fire Using Bracketing Sights: a Field Experiment Program." USAS Catalog of Selected Documents in Psychology, 1975, 5, ms. #984.
- J. K. Arima, Book review of "Man-Machine Systems: Information, Control and Decision Models of Human Performance," by T. B. Sheridan and W. R. Ferrell, American Journal of Psychology, 88, 1975, 703-707.
- D. R. Barr, "A Kolmogorov-Smirnov Test for Censored Samples," with T. Davidson, Technometrics, 15, No. 4 (November 1973).
- D. R. Barr, "A Note on Kuiper's V_n Statistic," with R. Shudde, Biometrika, 60, No. 3 (December 1973).
- D. R. Barr, "Strong Optimality of the 'Shoot-Adjust-Shoot' Strategy," Operations Research, December 1974.
- D. R. Barr, "Pooling Regression Estimates," with H. Larson, Letter to Editor, The American Statistician, 27 (June 1973).
- D. R. Barr, "Improved Confidence Bounds Applied to Reliability," with T. Jayachandran, IEEE Transactions on Reliability, R-24, No. 1, 1975.
- D. R. Barr, "A Nonparametric Analogy of Analysis of Covariance," with T. Burnett, to appear in Educational and Psychological Measurement, June 1977.
- D. R. Barr, "Induced Priors in Decision Problems," with F. Richards, to appear in the Annals of Statistics.
- M. K. Block, "The Allocation of Effort Under Uncertainty: The Case of Risk Adverse Behavior," with J. M. Heineke, Journal of Political Economy, March/April 1973.

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JOURNAL PUBLICATIONS (CONT)

- M. K. Block, "Subjective Probability of Victimization and Crime Levels: An Econometric Approach," with G. J. Long, Criminology, May 1973.
- M. K. Block, "The Supply of Legal and Illegal Activity: A Choice Theoretic Approach," with J. M. Heineke, Santa Clara Business Review, 1973.
- M. K. Block, "Income Uncertainty: The Geometry of a Special Case," Journal of Economic Studies, May 1974.
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