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FINAL/01 JAN 92 TO 30 APR 93

PARTIAL SUPPORT FOR THE SECOND INTERNATIONAL
SYMPOSIUM ON ARTIFICIAL INTELLIGENCE & MATHEMATICS (U)

Professor Frederick Hoffman

2304/GS
F49620-92-J-0120

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DTIC ELECTE JAN 27 1994

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For the Second Symposium, the invited speakers were Zohar Manna (Stanford) "Modular
Temporal Reasoning", Heinz-Otto Peitgen (Bremen and Florida Atlantic University,
"Cellular Automata, Fractals and Attractors", K. Ebcioglu (IBM Yorktown Heights),
"A Logic Programming System for Chorale Harmonization", and J C Latombe (Stanford),
Geometry and Search in Motion Planning". The program Committee accepted 52 papers,
with speakers from 16 countries. The sessions were on logic, non-monotonic logic,
theorem proving, logic programming, constraints, learning, reasoning, neural
networks, and genetic algorithms, with one session on applications and one general
session. There was also a somewhat autonomous "Autonomous Control Workshop",
organized by Anil Nerode, and held concurrently with the Symposium. Sunday
morning's session and the invited talks were plenary; there were two concurrent
sessions the rest of the three and one-half days.

UNCLASSIFIED   UNCLASSIFIED   UNCLASSIFIED   SAR(SAME AS REPORT)

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April 22, 1993
Report to Air Force Office of Scientific Research, on the Second
International Suymposium on Artificial Intelligence and Mathematics
January 5-8, 1992

Abstract

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three and one-half days.

The authors of papers at the Symposium were encouraged to submit
final versions of the papers for possible publication in special
volumes of the journal, **Annals of Mathematics and Artificial
Intelligence**. One of these volumes is in press, and others will
follow, as the refereeing process continues. AFOSR support is, of
course, acknowledged in these publications. AFOSR was the only
sponsor of the Symposium outside the University.

AFOSR funds were allocated, in our reckoning, to pay parts of these
items, which total $17,500.

Expenses at FAU:
student aide	500.00	
phone:	200.00	
printing:	500.00	
postage:	600.00	
copying:	500.00	
supplies:	300.00	
local travel	200.00	
credit card fee	300.00	
administration	2400.00	(Division of Continuing Education)

Site expenses:
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     room rent:      1000.00
     equipment rent  300.00
Speaker travel       3200.00
Committee travel     2500.00
Editorial expense:
     postage:         100.00
     phone:           100.00
     travel:          800.00
Subsidies            4000.00
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Because of the late arrival of the AFOSR funds, money had been paid
for some of the listed items from other sources. It was returned
from AFOSR funds. Some of these transactions were delayed, causing
the tardiness of this report.