



Connecticut State University System
Board of Trustees

BR#95-46



RESOLUTION

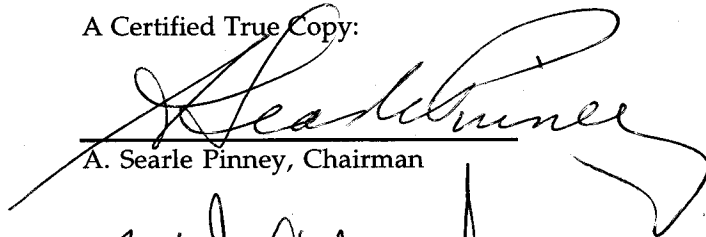
concerning

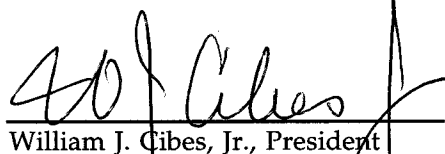
AWARD OF THE TITLE
CONNECTICUT STATE UNIVERSITY PROFESSOR

May 5, 1995

- WHEREAS, The faculty at Eastern Connecticut State University have recommended Professor Thomas E. Carter for the title of Connecticut State University Professor, and
- WHEREAS, David G. Carter, President of Eastern Connecticut State University, recommends awarding this title to Professor Carter, and Connecticut State University System President, William J. Cibes, Jr. concurs, and
- WHEREAS, Professor Carter has served Eastern Connecticut State University as a member and chair of the Mathematics and Computer Science Department while attaining the highest levels of achievement in teaching, scholarship, and public service, and
- WHEREAS, Professor Carter is a scholar in fuel-optimal rendezvous of spacecraft, optimal control theory, singular solutions to problems in optimal control theory, and pursuit games and minimax problems, and
- WHEREAS, Professor Carter has built a reputation as a prolific, scholarly writer, having published numerous articles in academic journals throughout his career and been recognized by his colleagues for professional excellence, and
- WHEREAS, Professor Carter has also earned a reputation as an expert in his field through his experiences in business and industry, therefore be it
- RESOLVED, That the title, Connecticut State University Professor, is herewith awarded by the Board of Trustees to Thomas E. Carter of Eastern Connecticut State University effective May 5, 1995, pursuant to the BOT/AAUP Agreement, and be it further
- RESOLVED, That Professor Carter be entitled to all the rights, privileges, and responsibilities pertaining to this honor.

A Certified True Copy:


A. Searle Pinney, Chairman


William J. Cibes, Jr., President

Curriculum/Vitae

11 Plains Rd.
Windham, CT 06280
Home: (203) 423-2032

Thomas E. Carter
Eastern Connecticut State University
Department of Mathematics / Computer Science
Office: (203) 465-5257

Education

Northeastern University, Boston, MA
University of Alabama, Huntsville, AL
University of Alabama, Tuscaloosa, AL

Ph.D. Mathematics, Sept. 1974
M.A. Mathematics, June 1966
B.S. Physics, May, 1959

Research

Current research is in fuel-optimal rendezvous of spacecraft and optimal control theory. The work is contained in more than 20 publications and eight conference papers.

Academic Experience

1976 - present **Eastern Connecticut State University, Willimantic, CT**
Professor of Mathematics, 1985 - present
Associate Professor of Mathematics, 1979 - 85
Assistant Professor of Mathematics, 1976 - 79
Chairman, Mathematics and Computer Science Dept., 1982-84

1974 - 1976 **Nasson College, Springvale, Maine**
Instructor to Assistant Professor

Special Appointments

1992 - 1993 **Worcester Polytechnic Institute, Worcester, MA**
Visiting Professor (during sabbatical leave)

1985 - 1986 **Worcester Polytechnic Institute, Worcester, MA**
One-year Research and Teaching position (during sabbatical leave)

Industrial Experience

1966 - 1969 **M.I.T. Instrumentation Lab, Cambridge, MA, Staff Engineer**

1963 - 1966 **George C. Marshall Space Flight Center, Huntsville, AL, Aerospace Engineer**

Scholarly and Professional Activities

Referee/Reviewer of eight articles in the journals *the Journal of Guidance, Control and Dynamics, the Journal of Optimization Theory and Applications, Optimal Control Applications and Methods, Journal of the Aerospace Sciences*, 1990 - 1995.

Referee for Tenure Review for Thomas Kelly, University of Dayton, Dayton, OH, September 1994.

Advised Editor regarding initiating the new journal *Dynamics and Control*, January 1990.

Honors and Awards

\$5,000 University Summer Scholarship Award, Eastern CT State Univ., Granted to conduct research during Summer 1991.

University Award, Eastern Connecticut State University, Granted for outstanding scholarship in Fall 1986.

NASA/ASEE Summer Faculty Fellowship Award, California Institute of Technology, Jet Propulsion Lab
Granted to conduct research during Summers of 1987, 1988.

NASA/ASEE Summer Faculty Fellowship Award, George C. Marshall Space Flight Center
Granted to conduct research during Summers of 1981, 1982.

Service to the University

Member of University Senate for five years including one year as Vice President, 1977 - 1982.

Member of Academic Affairs Committee, 1977 - 1979.

Member of Curriculum Committee for five years, 1977 - 1982

Department Chairman, 1982 - 1984.

Presented papers at CSU research conference each year it was held.

Professional Organizations

MAA, AIAA, Pi Mu Epsilon, Kappa Mu Epsilon, Upsilon Pi Epsilon, National Space Society, The Planetary Society