

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

N. Harris McClamroch, Ph.D., professor of aerospace engineering and professor of electrical engineering and computer science in the College of Engineering, retired from active faculty status on May 31, 2010.

Professor McClamroch received his B.S., M.S. and Ph.D. degrees from The University of Texas at Austin in 1963, 1965, and 1967, respectively. He joined the University of Michigan faculty as assistant professor of aerospace engineering in 1967, and was promoted to associate professor in 1971 and professor in 1977. From 1968-83 he also held an appointment in the Program in Computer, Information and Control Engineering. He was appointed professor in the Department of Electrical Engineering and Computer Science in 1985.

Professor McClamroch's research and teaching interests reflect a diverse array of topics related to dynamics and control, including aircraft flight dynamics and control, spacecraft attitude dynamics and control, robotics, manufacturing, wheeled vehicles, and civil structures. In his teaching and research, he used and developed tools from nonlinear dynamics and control, geometric mechanics, optimization, estimation, and mathematical systems theory. An internationally-recognized leader in dynamics and control, Professor McClamroch has published more than 250 articles and mentored 27 doctoral students.

Professor McClamroch chaired the Department of Aerospace Engineering from 1992-95. He served on numerous departmental, college, and University-wide committees, and was the College of Engineering ombuds from 2003-05. He participated actively in faculty governance, and served as chair of the Senate Advisory Committee on University Affairs in 1987-88. He was editor of *IEEE Transactions on Automatic Control* from 1989-92, and served as president of the IEEE Control Systems Society in 1998. Professor McClamroch was recognized as a fellow of IEEE in 1988, and was awarded the IEEE Third Millennium Medal in 2000.

The Regents now salute this distinguished faculty member for his dedicated service by naming **N. Harris McClamroch professor emeritus of aerospace engineering and professor emeritus of electrical engineering and computer science**.

Requested by:



Sally J. Churchill, J.D.
Vice President and Secretary of the University

September 2010