Adopted by the Regents
May 16, 2019

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: **Report of Faculty Retirement**

Action Requested: **Adoption of Retirement Memoir**

David L. Neuhoff, Ph.D., Joseph E. and Anne P. Rowe Professor of Electrical Engineering and professor of electrical engineering and computer science in the College of Engineering, retired from active faculty status on May 31, 2019.

Professor Neuhoff received his B.S.E. (1970) degree from Cornell University and his M.S. (1972) and Ph.D. (1974) degrees from Stanford University. He joined the University of Michigan faculty as an assistant professor in 1974, and was promoted to associate professor in 1979, and to professor in 1984. He was named the Joseph E. and Anne P. Rowe Professor of Electrical Engineering in 2005.

Professor Neuhoff was an internationally recognized expert in information theory, source coding, and image processing. He was particularly well-known for his development of universal source coding, causal source coding, and high-resolution quantization theory, as well as his development of image compression methods, halftoning methods for laser printers, and texture similarity metrics. Professor Neuhoff served as the communications area chair (1990-96), associate chair (1984-89 and 2008-11), and senior associate chair (2011-18) of the Department of Electrical Engineering and Computer Science as well as director of the Communications and Signal Processing Laboratory (1992-96). He was president of the IEEE Information Theory Society in 2006 and co-chaired the 1986 IEEE International Symposium on Information Theory held in Ann Arbor. Professor Neuhoff arranged for the installation of six busts of Michigan alumnus Claude Shannon, considered the father of information theory, around the country, including one on North Campus. In the early 1980s, Professor Neuhoff chaired the review committee whose proposal for restructuring led to the creation of the EECS department. As associate chair of this new department, he oversaw the development of its new graduate programs as well as its growth in the systems areas of electrical engineering. In the 1990s, he led the restructuring of the electrical engineering undergraduate program. Professor Neuhoff received a number of recognitions, including the IEEE Information Theory Society Service Award (2001), the College of Engineering's Stephen S. Atwood Award (2003), and the Horace H. Rackham School of Graduate Studies' Distinguished Graduate Mentor Award (2015).

The Regents now salute this distinguished faculty member by naming **David L. Neuhoff, Joseph E. and Anne P. Rowe Professor Emeritus of Electrical Engineering and professor emeritus of electrical engineering and computer science.**

Requested by:

Sally J. Churchill

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

May 2019