

THE UNIVERSITY OF MICHIGAN

*Regents Communication*

**ACTION REQUEST**

**Subject: Report of Faculty Retirement**

**Action Requested: Adoption of Retirement Memoir**

**Peretz P. Friedmann, D.Sc.**, Francois-Xavier Bagnoud Professor of Aerospace Engineering and professor of aerospace engineering in the College of Engineering, retired from active faculty status on December 31, 2023.

Professor Friedmann received his B.Sc. (1961) and M.Sc. (1968) degrees in aeronautical engineering from the Technion-Israel Institute of Technology, and his D.Sc. (1972) degree in aeronautics and astronautics from M.I.T. He joined the faculty of UCLA as an assistant professor in 1972, and was promoted to associate professor in 1977, and professor in 1980. Between 1988 and 1991, he served as the chair of the Mechanical and Aerospace Engineering Department, UCLA. Professor Friedmann joined the University of Michigan faculty as the François-Xavier Bagnoud Professor of Aerospace Engineering and professor of aerospace engineering in 1999.

Professor Friedmann's research focused on rotary-wing and fixed-wing aeroelasticity, on-blade control of rotor vibration and noise, optimization with aeroelastic constraints and hypersonic aerothermoelasticity. A total of 40 Ph.D. students have graduated under his guidance. He was editor-in-chief of the *AIAA Journal* (2009-2014). Professor Friedmann has made foundational contributions to rotary and fixed wing aeroelasticity and structural dynamics, on-blade control of vibration and noise in rotorcraft, and optimum design of low vibration helicopter rotors. These contributions had a major impact on modern helicopter design. Professor Friedmann's accomplishments have been recognized by numerous awards, a selected list of the most important ones includes: (1) 2022 Reed Aeronautics Award, the highest award given by the American Institute of Aeronautics and Astronautics (AIAA); (2) 2019 AHS Honorary Fellow Award; (3) 2017 Klemin Award, American Helicopter Society (AHS), the highest honor the AHS bestows on an individual; (4) 2013 Nikolsky Honorary Lectureship, (AHS); (5) Spirit of St. Louis Medal, awarded by the American Society of Mechanical Engineers (ASME), 2003; (6) AIAA Structures, Structural Dynamics, and Materials Award, 1996.

The Regents now salute this distinguished faculty member by naming **Peretz P. Friedmann, Francois-Xavier Bagnoud Emeritus Professor of Aerospace Engineering and professor emeritus of aerospace engineering**.

Requested by:



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

February 2024