



Professor Arturs Kalnins (1931-2020)

See:

<http://www.lehigh.edu/~inmem/kalnins.html>

<http://www3.lehigh.edu/engineering/meche/contacts/kalnins.asp>

<http://www.lehigh.edu/~inmem/kalninspub.html>

<http://www.worldcat.org/title/vibration-beams-plates-and-shells/oclc/02318110>

Obituary:

Arturs was a professor at Lehigh University for over 39 years, retiring in 2004, and was previously on the faculty of the Yale School of Engineering. He earned B.S., M.S., and Ph.D. degrees in Engineering Mechanics from the University of Michigan. He was a member and fellow of the American Society of Mechanical Engineers and was an internationally recognized expert in the fatigue of metals, particularly the behavior of

metal plates and shells. He has developed computer programs to analyze shells of revolution that include metal plasticity, free vibration, buckling and creep.

Formerly:

Department of Mechanical Engineering and Mechanics
Lehigh University

Appointed to Lehigh Faculty: 1965

Education:

Ph.D. Engineering Mechanics, University of Michigan, 1960

M.S. Engineering Mechanics, University of Michigan, 1956

B.S. Engineering Mechanics, University of Michigan, 1955

Related experience - teaching, industrial, etc.:

Assistant Professor of Mechanical Engineering, Yale University, 1960-1964

Research activities, consulting, patents, etc.:

Research on pressure vessel design

Technical engineering consultant to over 25 companies

Scientific and professional societies of which a member:

Fellow American Society of Mechanical Engineers

Fellow American Academy of Mechanics

Fellow Acoustical Society of America

Honors and awards:

2008 PVP Medal, American Society of Mechanical Engineers

ASME Pressure Vessel and Piping Division Outstanding Service Award, 2005

ASME Certificates of Appreciation for presenting ASME PVP Conference tutorials in 1999 and 2000

Ruth and Joel Spira Award for Excellence in Teaching, 1988

Pi Tau Sigma Teacher of Year Award, 1988

Fulbright-Hayes Fellow, University of Innsbruck, 1977