



Meilan Liu

Dr. Liu obtained her Ph.D. in Mechanical Engineering from The University of Western Ontario (London, Ontario, Canada) in 1993. She has since been with the Department of Mechanical Engineering, Lakehead University (Thunder Bay, Ontario), where she is currently an Associate Professor. She has had the privilege of supervising well over one hundred undergraduates on their degree theses, and graduate students in the Master of Science in Control Engineering program. Her main research interests include finite element analysis of plate and shell structures, nonlinear mechanics, and dynamics of complex systems. She has been a reviewer for academic journals including, for example, ASME's Journal of Vibration and Acoustics, and the International Journal for Numerical Methods in Engineering. Dr. Liu is a licensed professional engineer in the Province of Ontario, Canada. In recent years, she has served on several Professional Engineers Ontario committees, at both the local and provincial levels.



Cho W. S. To

Dr. To has obtained his Ph.D. in sound and vibration studies from the University of Southampton in April 1980. He is currently a professor at the Department of Mechanical and Materials Engineering, University of Nebraska, Lincoln, Nebraska, U.S.A. Prior to joining the University of Nebraska in August 1996 he was a professor at the University of Western Ontario, Canada. He was an associate professor at the University of Calgary, Canada before joining the University of Western Ontario in July 1986. Between 1982 and 1992 he was a Natural Sciences and Engineering Research Council of Canada University Research Fellow. Between October 1975 and June 1979 he was a Research Fellow at the Institute of Sound and Vibration Research (ISVR), University of Southampton. He was a founder fellow of the Institution of Diagnostic Engineers, United Kingdom. He is presently a fellow of the American Society of Mechanical Engineers. Over the years he has spent his sabbatical leaves at the University of California-Berkeley, and at the University of Hong Kong, China. His main research interests are in: Nonlinear stochastic structural dynamics, nonlinear finite element analysis with particular reference to isotropic and laminated composite plates and shells, flow-induced vibration and pulsation analysis and design of pipelines, transient testing techniques, stochastic optimal control, and mechanics of nano-structures. He is the author of *Nonlinear Random Vibration: Analytical Techniques and Applications*, Second Edition, 2012 published by CRC Press, Boca Raton, Florida, U.S.A.