

Professor Luo has worked at Southern Illinois University Edwardsville. For over 40 years, Dr. Luo's contributions on nonlinear dynamical systems and mechanics lie in (i) the local singularity theory for discontinuous dynamical systems, (ii) Dynamical systems synchronization, (iii) Analytical solutions of periodic and chaotic motions in nonlinear dynamical systems, (iv) The theory for stochastic and resonant layer in nonlinear Hamiltonian systems, (v) The full nonlinear theory for a deformable body. (vi) Hilbert 16th problem. Such contributions have been scattered into 62 monographs and over 400 peer-reviewed journal and conference papers. Dr. Luo served editors for the Journal "*Communications in Nonlinear Science and Numerical simulation*" for 14 years, book series on Nonlinear Physical Science (HEP) and Nonlinear Systems and Complexity (Springer). Dr. Luo is the editorial member for two journals (i.e., *IMeCh E Part K Journal of Multibody Dynamics* and *Journal of Vibration and Control*). He also organized over 40 international symposiums and conferences on Dynamics and Control.