Professor Dengqing Cao


See:
https://www.researchgate.net/profile/Dq_Cao

School of Astronautics
Harbin Institute of Technology, Harbin, China

Selected Publications:
Na Zhao, Dengqing Cao and Hongma Gao, “Active flutter suppression for a 2-D supersonic airfoil with nonlinear stiffness”, Journal is unidentified in the pdf file, IEEE?, 2010
Dengqing Cao, Xiaochun Gong, Dong Wei, Shiming Chu and Ligang Wang, “Nonlinear vibration characteristics of a flexible blade with friction damping due to tip-rub”, Shock and Vibration, Vol. 18, pp 105-114, 2011
Sun, S., Chu, S., Cao, D.: Vibration characteristics of thin rotating cylindrical shells with various boundary conditions. J. Sound Vib. 331(18), 4170–4186 (2012)
Shiming Chu, Dengqing Cao, Shupeng Sun, Jianzhi Pan and Ligang Wang, ”Impact vibration characteristics of a shrouded blade with asymmetric gaps under wake flow excitations”, Nonlinear Dynamics, Vol. 72, pp 539-554, 2013
Huagang Lin, Dengqing Cao and Chonghui Shao, “An admissible function for vibration and flutter studies of FG cylindrical shells with arbitrary edge conditions using characteristic orthogonal polynomials”, Composite Structures, Vol. 185, pp 748-763, 1 February 2018
Jin Wei, Dengqing Cao, Hua Huang, Lianchao Wang and Wenhu Huang, “Dynamics of a multi-beam structure connected with nonlinear joints: Modelling and simulation”, Archive of Applied Mechanics, March 2018
Jin Wei, Dengqing Cao and Hua Huang, “Nonlinear vibration phenomenon of maneuvering spacecraft with flexible jointed appendages”, Nonlinear Dynamics, August 2018