

Bibliography

- Benhafsi, Y., Penny, J. E. T. and Friswell, M. I.: 1995, 'Identification of damping parameters of vibrating systems with cubic stiffness nonlinearity', *1995 Proceedings of the 13th International Modal Analysis Conference*, Vol. 1, IMAC, Nashville, TN, pp. 623–629.
- Busby, H. R., Nopporn, C. and Singh, R.: 1986, 'Experimental modal analysis of nonlinear systems: a feasibility study', *Journal of Sound and Vibration* **108**, 415–427.
- Crawley, E. F. and Aubert, A. C.: 1986, 'Identification of nonlinear structural elements by force-state mapping', *AIAA Journal* **24**, 155–162.
- Fahey, S. O. and Nayfeh, A. H.: 1998, 'Experimental nonlinear identification of a single structural mode', *1998 Proceedings of the 16th International Modal Analysis Conference*, IMAC, Santa Barbara, CA.
- Masri, S. F., Sassi, H. and Caughey, T. K.: 1982, 'Nonparametric identification of nearly arbitrary nonlinear systems', *Journal of Applied Mechanics* **49**, 619–628.
- McConnell, K. G.: 1995, '*Vibration Testing: Theory and Practice*', John Wiley and Sons, Inc., New York.
- Meirovitch, L.: 1986, '*Elements of Vibration Analysis*', McGraw-Hill, New York.

- Mohammad, K. S., Worden, K. and Tomlinson, G. R.: 1992, 'Direct parameter estimation for linear and non-linear structures', *Journal of Sound and Vibration* **152**(3), 471–499.
- Nayfeh, A. H.: 1973, '*Perturbation Methods*', John Wiley and Sons, Inc., New York.
- Nayfeh, A. H.: 1981, '*Intorduction to Perturbation Techniques*', John Wiley and Sons, Inc., New York.
- Nayfeh, A. H. and Mook, D. T.: 1979, '*Nonlinear Oscillations*', John Wiley and Sons, Inc., New York.
- Raman, A., Bajaj, A. K. and Davies, P.: 1996, 'On the slow transition across instabilities in non-linear dissipative systems', *Journal of Sound and Vibration* **192**(4), 835–865.
- Tabaddor, M.: 1996, '*Nonlinear Vibration of a Beam and Multibeam Systems*', PhD thesis, Virginia Polytechnic Institute and State University, Blacksburg, VA.
- Worden, K. and Tomlinson, G. R.: 1991, 'An experimental study of a number of nonlinear sdof systems using the resotring force surface method', *1991 Proceedings of the 9th International Modal Analysis Conference*, Vol. 1, IMAC, Firenze (Florence), Italy, pp. 757–764.
- Yasuda, K. and Kamiya, K.: 1997, 'Experimental identifcaiton technique of nonlinear beams in time domain', *Proceeding of DETC '97*, number DETC97/VIB-4114, ASME.
- Yasuda, K., Kamiya, K. and Komakine, M.: 1997, 'Experimental identification technique of vibrating structures with geometrical nonlinearity', *Journal of Applied Mechanics* **64**, 275–280.