

Index to Volume 309

Abbasov, I.B., Study of the scattering of nonlinearly interacting plane acoustic waves by an elongated spheroid	(1–2)	52
Ainslie, M.A. and Attenborough, K., Review of “Marine Acoustics: Direct and Inverse Problems”.	(1–2)	343
Amabili, M. see Karagiozis, K.N.	(3–5)	637
Attenborough, K. see Ainslie, M.A.	(1–2)	343
Baldanzini, N. see Pratellesi, A.	(3–5)	545
Batra, R.C., Porfiri, M. and Spinello, D., Vibrations of narrow microbeams predeformed by an electric field	(3–5)	600
Bergman, L.A. see Ma, X.	(3–5)	569
Brennan, M.J., Carrella, A., Waters, T.P. and Lopes Jr., V., On the dynamic behaviour of a mass supported by a parallel combination of a spring and an elastically connected damper	(3–5)	823
Brinkmeier, M., Nackenhorst, U., Petersen, S. and von Estorff, O., A finite element approach for the simulation of tire rolling noise	(1–2)	20
Buono, N.D. see Chu, M.T.	(1–2)	96
Caliò, I. and Elishakoff, I., Vibration tailoring of inhomogeneous rod that possesses a trigonometric fundamental mode shape	(3–5)	838
Carneal, J.P., Giovanardi, M., Fuller, C.R. and Palumbo, D., Re-Active Passive devices for control of noise transmission through a panel	(3–5)	495
Carrella, A. see Brennan, M.J.	(3–5)	823
Cattafesta, L. see Liu, J.	(1–2)	276
Chaigne, A. see Quaegebeur, N.	(1–2)	178
Charalampakis, A.E. and Koumouis, V.K., On the response and dissipated energy of Bouc–Wen hysteretic model.	(3–5)	887
Chasalevris, A.C. and Papadopoulos, C.A., Coupled horizontal and vertical bending vibrations of a stationary shaft with two cracks	(3–5)	507
Chen, D. see Zhang, W.-M.	(3–5)	756
Chen, G. see Chen, K.	(1–2)	40
Chen, J.-Y. see Zhang, W.-M.	(3–5)	756
Chen, K., Chen, G., Pan, H. and Li, S., Secondary actuation and error sensing for active acoustic structure	(1–2)	40
Chen, L.-Q. and Zu, J.W., Solvability condition in multi-scale analysis of gyroscopic continua	(1–2)	338
Chen, T.-J. see Liu, C.-F.	(3–5)	794
Chen, Y.-J. see Liu, C.-F.	(3–5)	794
Chen, Z. see To, C.W.S.	(1–2)	197
Cho, S. see He, S.	(3–5)	843
Chu, M.T. and Buono, N.D., Total decoupling of general quadratic pencils, Part I: Theory	(1–2)	96
Chu, M.T. and Del Buono, N., Total decoupling of general quadratic pencils, Part II: Structure preserving isospectral flows	(1–2)	112
Cunefare, K.A. see Wang, J.	(3–5)	677
Damisa, O., Olunloyo, V.O.S., Osheku, C.A. and Oyediran, A.A., Dynamic analysis of slip damping in clamped layered beams with non-uniform pressure distribution at the interface.	(3–5)	349
Del Buono, N. see Chu, M.T.	(1–2)	112
Elishakoff, I. see Caliò, I.	(3–5)	838

- Feng, J., Xu, W. and Wang, R., Stochastic responses of vibro-impact duffing oscillator excited by additive Gaussian noise (3-5) 730
- Fuller, C.R. see Carneal, J.P. (3-5) 495
- Gabrielson, T.B. see Kim, K. (1-2) 293
- Gadala, M.S. see Jun, O.S. (1-2) 210
- Giovanardi, M. see Carneal, J.P. (3-5) 495
- Goldstein, M., Hydrodynamics and Sound (1-2) 347
- Gorman, D.J., (3-5) 896
- Guan, H. and Karbhari, V.M., Improved damage detection method based on Element Modal Strain Damage Index using sparse measurement (3-5) 465
- Guillaume, P. see Vanherzeele, J. (3-5) 858
- Guo, W. see Zhang, N. (3-5) 407
- He, S., Cho, S. and Singh, R., Prediction of dynamic friction forces in spur gears using alternate sliding friction formulations (3-5) 843
- Hilson, G. see Worden, K. (3-5) 529
- Hodgson, M. and Wareing, A., Comparisons of predicted steady-state levels in rooms with extended- and local-reaction bounding surfaces (1-2) 167
- Jain, S.C. see Srivastava, A. (1-2) 320
- Jangid, R.S., Equivalent linear stochastic seismic response of isolated bridges (3-5) 805
- Jiang, L.J., Tang, J. and Wang, K.W., On the tuning of variable piezoelectric transducer circuitry network for structural damage identification (3-5) 695
- Jun, O.S. and Gadala, M.S., Dynamic behavior analysis of cracked rotor (1-2) 210
- Kadirvel, K. see Liu, J. (1-2) 276
- Kandula, M., Near-field acoustics of clustered rocket engines. (3-5) 852
- Kar, C. and Mohanty, A.R., Determination of time-varying contact length, friction force, torque and forces at the bearings in a helical gear system (1-2) 307
- Kar, R.C. see Panda, L.N. (3-5) 375
- Karagiozis, K.N., Paidoussis, M.P., Amabili, M. and Misra, A.K., Nonlinear stability of cylindrical shells subjected to axial flow: Theory and experiments. (3-5) 637
- Karbhari, V.M. see Guan, H. (3-5) 465
- Kim, G.-H. and Park, Y.-s., An automated parameter selection procedure for finite-element model updating and its applications (3-5) 778
- Kim, K., Lauchle, G.C. and Gabrielson, T.B., Near-field acoustic intensity measurements using an accelerometer-based underwater intensity vector sensor. (1-2) 293
- Koumoussis, V.K. see Charalampakis, A.E. (3-5) 887
- Kwon, K.-M. see Shin, Y.-J. (1-2) 9
- Lallemand, B. see Massa, F. (1-2) 63
- Lauchle, G.C. see Kim, K. (1-2) 293
- Leung, A.Y.T., Exact spectral elements for follower tension buckling by power series (3-5) 718
- Li, J., Xu, W., Yang, X. and Sun, Z., Chaotic motion of Van der Pol–Mathieu–Duffing system under bounded noise parametric excitation (1-2) 330
- Li, S. see Chen, K. (1-2) 40
- Lin, H.-Y., Dynamic analysis of a multi-span uniform beam carrying a number of various concentrated elements (1-2) 262
- Liu, C.-F., Chen, T.-J. and Chen, Y.-J., A modified axisymmetric finite element for the 3-D vibration analysis of piezoelectric laminated circular and annular plates (3-5) 794
- Liu, J., Martin, D.T., Kadirvel, K., Nishida, T., Cattafesta, L., Sheplak, M. and Mann, B.P., Nonlinear model and system identification of a capacitive dual-backplate MEMS microphone (1-2) 276
- Lopes Jr., V. see Brennan, M.J. (3-5) 823
- Luo, A.C.J. and Zwiergart Jr., P., Existence and analytical predictions of periodic motions in a periodically forced, nonlinear friction oscillator (1-2) 129
- Ma, X., Vakakis, A.F. and Bergman, L.A., Karhunen–Loeve analysis and order reduction of the transient dynamics of linear coupled oscillators with strongly nonlinear end attachments. (3-5) 569
- Maga, L.J. see Maidanik, G. (1-2) 150
- Maidanik, G. and Maga, L.J., Analytical evaluation in the design of a coating (1-2) 150
- Mann, B.P. see Liu, J. (1-2) 276

Manson, G. see Worden, K.	(3-5)	529
Martin, D.T. see Liu, J.	(1-2)	276
Massa, F., Ruffin, K., Tison, T. and Lallemand, B., A complete method for efficient fuzzy modal analysis.	(1-2)	63
Meguid, S.A. see Zhu, Z.H.	(1-2)	86
Meng, G. see Zhang, W.-M.	(3-5)	756
Mishra, B.K. see Srivastava, A.	(1-2)	320
Misra, A.K. see Karagiozis, K.N.	(3-5)	637
Mohanty, A.R. see Kar, C.	(1-2)	307
Nackenhurst, U. see Brinkmeier, M.	(1-2)	20
Nishida, T. see Liu, J.	(1-2)	276
Olunloyo, V.O.S. see Damisa, O.	(3-5)	349
Osheku, C.A. see Damisa, O.	(3-5)	349
Oyediran, A.A. see Damisa, O.	(3-5)	349
Païdoussis, M.P. see Karagiozis, K.N.	(3-5)	637
Palumbo, D. see Carneal, J.P.	(3-5)	495
Pan, H. see Chen, K.	(1-2)	40
Panda, L.N. and Kar, R.C., Nonlinear dynamics of a pipe conveying pulsating fluid with combination, principal parametric and internal resonances	(3-5)	375
Papadopoulos, C.A. see Chasalevris, A.C.	(3-5)	507
Park, Y.-s. see Kim, G.-H.	(3-5)	778
Petersen, S. see Brinkmeier, M.	(1-2)	20
Pierce, S.G. see Worden, K.	(3-5)	529
Pierini, M. see Pratellesi, A.	(3-5)	545
Plaut, R.H., Snap loads and torsional oscillations of the original Tacoma Narrows Bridge.	(3-5)	613
Porfiri, M. see Batra, R.C.	(3-5)	600
Porwal, R. and Vyas, N.S., Damped quadratic and mixed-parity oscillator response using Krylov–Bogoliubov method and energy balance	(3-5)	877
Pratellesi, A., Viktorovitch, M., Baldanzini, N. and Pierini, M., A hybrid formulation for mid-frequency analysis of assembled structures	(3-5)	545
Qian, C.Z. and Tang, J.S., A time delay control for a nonlinear dynamic beam under moving load.	(1-2)	1
Quaegebeur, N. and Chaïgne, A., Nonlinear vibrations of loudspeaker-like structures	(1-2)	178
Ruffin, K. see Massa, F.	(1-2)	63
Semercigil, S.E. see Ulz, M.H.	(1-2)	246
Sheplak, M. see Liu, J.	(1-2)	276
Shin, Y.-J., Kwon, K.-M. and Yun, J.-H., Vibration analysis of a circular arch with variable cross-section using differential transformation and generalized differential quadrature	(1-2)	9
Singh, R. see He, S.	(3-5)	843
Soh, C.K.	(3-5)	898
Spinello, D. see Batra, R.C.	(3-5)	600
Srivastava, A., Mishra, B.K. and Jain, S.C., Effect of enclosed fluid on the dynamic response of inflated torus	(1-2)	320
Steve Shepard Jr., W. see Wang, J.	(3-5)	677
Sun, Z. see Li, J.	(1-2)	330
Tang, B., Combined dynamic stiffness matrix and precise time integration method for transient forced vibration response analysis of beams.	(3-5)	868
Tang, J. see Jiang, L.J.	(3-5)	695
Tang, J.S. see Qian, C.Z.	(1-2)	1
Tison, T. see Massa, F.	(1-2)	63
To, C.W.S. and Chen, Z., First passage time of nonlinear ship rolling in narrow band non-stationary random seas	(1-2)	197
Ulz, M.H. and Semercigil, S.E., Vibration control for plate-like structures using strategic cut-outs	(1-2)	246

- Vakakis, A.F. see Ma, X. (3-5) 569
- Vanherzeele, J., Vanlanduit, S. and Guillaume, P., Reducing spatial data using an optimized regressive discrete Fourier series (3-5) 858
- Vanlanduit, S. see Vanherzeele, J. (3-5) 858
- Viktorovitch, M. see Pratellesi, A. (3-5) 545
- von Estorff, O. see Brinkmeier, M. (1-2) 20
- Vyas, N.S. see Porwal, R. (3-5) 877
- Wang, J., Steve Shepard Jr., W., Cunefare, K.A. and Williams, K.A., Actuation of a discontinuous structure with piezoelectric actuators. (3-5) 677
- Wang, K.W. see Jiang, L.J. (3-5) 695
- Wang, R. see Feng, J. (3-5) 730
- Wareing, A. see Hodgson, M. (1-2) 167
- Waters, T.P. see Brennan, M.J. (3-5) 823
- Whalen, T.M., The behavior of higher order mode shape derivatives in damaged, beam-like structures (3-5) 426
- Williams, K.A. see Wang, J. (3-5) 677
- Worden, K., Manson, G., Hilson, G. and Pierce, S.G., Genetic optimisation of a neural damage locator (3-5) 529
- Wu, T.X., On the railway track dynamics with rail vibration absorber for noise reduction (3-5) 739
- Xia, H. see Zhang, N. (3-5) 407
- Xu, W. see Feng, J. (3-5) 730
- Xu, W. see Li, J. (1-2) 330
- Yang, X. see Li, J. (1-2) 330
- Yi, Y.B., Geometric effects on thermoelastic damping in MEMS resonators (3-5) 588
- Yun, J.-H. see Shin, Y.-J. (1-2) 9
- Zhang, N., Xia, H. and Guo, W., Vehicle-bridge interaction analysis under high-speed trains. (3-5) 407
- Zhang, W.-M., Meng, G., Chen, D., Zhou, J.-B. and Chen, J.-Y., Nonlinear dynamics of a rub-impact micro-rotor system with scale-dependent friction model (3-5) 756
- Zhou, J.-B. see Zhang, W.-M. (3-5) 756
- Zhu, Z.H. and Meguid, S.A., Vibration analysis of a new curved beam element (1-2) 86
- Zu, J.W. see Chen, L.-Q. (1-2) 338
- Zwiegart Jr., P. see Luo, A.C.J. (1-2) 129