

Index to Volume 291

Åbom, M. see Allam, S.	(3–5) 882
Albertson, F., Bodén, H. and Gilbert, J., Comparison of different methods to couple nonlinear source descriptions in the time domain to linear system descriptions in the frequency domain—Application to a simple valveless one-cylinder cold engine.	(3–5) 963
Allam, S. and Åbom, M., Sound propagation in an array of narrow porous channels with application to diesel particulate filters.	(3–5) 882
Allen, D. see Mei, C.	(3–5) 1041
Amabili, M., Theory and experiments for large-amplitude vibrations of rectangular plates with geometric imperfections	(3–5) 539
Arruda, J.R.F. see Nunes, R.F.	(3–5) 986
Awruch, A.M. see Boéssio, M.L.	(1–2) 169
Bahra, A.S. and Greening, P.D., Particularities of Newton’s method in space frame force determination, utilising eigenpair functions	(1–2) 462
Bandyopadhyay, J.N. and Nayak, A.N. (Discussions).	(3–5) 1288
Bazzi, B.A. see Chalhoub, N.G.	(1–2) 437
Becker, K.J. see Maidanik, G.	(1–2) 323
Bodén, H. see Albertson, F.	(3–5) 963
Boéssio, M.L., Morsch, I.B. and Awruch, A.M., Fatigue lifetime estimation of commercial vehicles	(1–2) 169
Brownjohn, J.M.W. see Zhang, X.	(1–2) 202
Brühwiler, E. see Yan, B.F.	(1–2) 285
Bryzik, W. see Kfoury, G.A.	(3–5) 1080
Cai, C., Hung, K.C. and Khan, M.S., Simulation-based analysis of acoustic absorbent lining subject to normal plane wave incidence.	(3–5) 656
Call For The D’Alembert Award for Multibody System Dynamics and The Lyapunov Award for Nonlinear Dynamics (Announcement).	(3–5) 1298
Chalhoub, N.G., Kfoury, G.A. and Bazzi, B.A., Design of robust controllers and a nonlinear observer for the control of a single-link flexible robotic manipulator	(1–2) 437
Chalhoub, N.G. see Kfoury, G.A.	(3–5) 1080
Champneys, A.R. see Green, K.	(3–5) 861
Chan, K.T. see Wang, X.Q.	(3–5) 681
Chandiramani, N.K., Srinivasan, K. and Nagendra, J., Experimental study of stick-slip dynamics in a friction wedge damper	(1–2) 1
Chandra, D. see Elishakoff, I. (Short Communications).	(3–5) 1255
Chandra, S. see Mallik, A.K.	(3–5) 1148
Chang, H.-C. see Chang, T.-P.	(1–2) 240
Chang, T.-P., Chang, H.-C. and Liu, M.-F., A finite element analysis on random vibration of nonlinear shell structures.	(1–2) 240
Chen, D.-W., An exact solution for free torsional vibration of a uniform circular shaft carrying multiple concentrated elements.	(3–5) 627
Chen, J. see Zhao, X.	(1–2) 215
Choi, S.B. see Hong, S.R.	(3–5) 740
Chrysochoidis, N. see Saravanos, D.A.	(3–5) 802
Chu, F. see Li, Z.	(1–2) 60
Cooper, A.J., Effect of mean entropy on unsteady disturbance propagation in a slowly varying duct with mean swirling flow	(3–5) 779

- Darby, A.P. see Li, K. (3–5) 844
- de Callafon, R.A. see Zeng, J. (3–5) 1061
- Diez, M. see Iemma, U. (1–2) 107
- Ding, H.J. see Hou, P.F. (1–2) 19
- Dogruer, O.Y. see Tufekci, E. (3–5) 525
- Elishakoff, I. and Chandra, D., Vibration tailoring of heterogeneous beams and annular plates (Short Communications). (3–5) 1255
- Elishakoff, I. and Pentaras, D., Lekhnitskii's classic formula serving as an exact mode shape of simply supported polar orthotropic inhomogeneous circular plates (Short Communications). (3–5) 1239
- Elishakoff, I. see Santoro, R. (1–2) 275
- Ershova, O.A. see Sorokin, S.V. (1–2) 81
- Fang, T. see Rong, H.W. (1–2) 48
- Fang, X., Tang, J., Jordan, E. and Murphy, K.D., Crack induced vibration localization in simplified bladed-disk structures. (1–2) 395
- Friswell, M.I. see Wang, D. (Short Communications) (3–5) 1229
- Ganesan, N. see Krishna, B.V. (Short Communications) (3–5) 1221
- García-Raffi, L.M. see Martínez-Sala, R. (1–2) 100
- Gaudet, S., Gauthier, C. and Léger, S., The evolution of harmonic Indian musical drums: A mathematical perspective (1–2) 388
- Gauthier, C. see Gaudet, S. (1–2) 388
- Gegg, B.C. see Luo, A.C.J. (1–2) 132
- Gilbert, J. see Albertson, F. (3–5) 963
- Green, K., Champneys, A.R. and Lieven, N.J., Bifurcation analysis of an automatic dynamic balancing mechanism for eccentric rotors (3–5) 861
- Greening, P.D. see Bahra, A.S. (1–2) 462
- Gregory McDaniel, J. see Palan, V. (3–5) 1170
- Guan, D., Su, X. and Zhang, F., Sensitivity analysis of brake squeal tendency to substructures' modal parameters (1–2) 72
- Han, J. see Li, Z. (1–2) 60
- Han, J.-H., Tani, J. and Qiu, J., Active flutter suppression of a lifting surface using piezoelectric actuation and modern control theory. (3–5) 706
- Hansen, C.H. see Li, X. (3–5) 644
- Hao, W. see Li, Z. (1–2) 60
- He, Y. see Li, Z. (1–2) 60
- Henein, N.A. see Kfoury, G.A. (3–5) 1080
- Heylen, W. see Lauwagie, T. (3–5) 723
- Hickling, R., Decibels and octaves, who needs them? (Short Communications) (3–5) 1202
- Hong, S.R., Choi, S.B. and Lee, D.Y., Comparison of vibration control performance between flow and squeeze mode ER mounts: Experimental work (3–5) 740
- Hou, P.F., Ding, H.J. and Leung, A.Y.T., The transient responses of a special non-homogeneous magneto-electro-elastic hollow cylinder for axisymmetric plane strain problem (1–2) 19
- Hsu, S.-H. see Wu, J.-S. (3–5) 1122
- Hung, K.C. see Cai, C. (3–5) 656
- Iemma, U., Morino, L. and Diez, M., Digital holography and Karhunen–Loève decomposition for the modal analysis of two-dimensional vibrating structures (1–2) 107
- Jalili, N. see Ramaratnam, A. (1–2) 258
- Järvenpää, S. see Ylä-Oijala, P. (3–5) 824
- Ji, J.C. see Li, X. (3–5) 644
- Jordan, E. see Fang, X. (1–2) 395
- Karpenko, Y. see Mei, C. (3–5) 1041
- Kartik, V. and Wickert, J.A., Vibration and guiding of moving media with edge weave imperfections . (1–2) 419
- Kfoury, G.A., Chalhoub, N.G., Henein, N.A. and Bryzik, W., Enhancement of the accuracy of the ($P-\omega$) method through the implementation of a nonlinear robust observer (3–5) 1080

Kfoury, G.A. see Chalhoub, N.G.	(1–2) 437
Khan, M.S. see Cai, C.	(3–5) 656
Kikuchi, N. see Yilmaz, C.	(3–5) 1004
Kim, S. and Singh, R., Alternate methods for characterizing spectral energy inputs based only on driving point mobilities or impedances	(3–5) 604
Kiremidjian, A.S. see Nair, K.K.	(1–2) 349
Klimke, A. see Nunes, R.F.	(3–5) 986
Kocatürk, T. and Şimşek, M., Vibration of viscoelastic beams subjected to an eccentric compressive force and a concentrated moving harmonic force	(1–2) 302
Krishna, B.V. and Ganesan, N., Polynomial approach for calculating added mass for fluid-filled cylindrical shells (Short Communications)	(3–5) 1221
Kuo, S.M. see Sun, X. (Short Communications)	(1–2) 516
Lauwagie, T., Sol, H. and Heylen, W., Handling uncertainties in mixed numerical-experimental techniques for vibration based material identification	(3–5) 723
Law, K.H. see Nair, K.K.	(1–2) 349
Lee, D.Y. see Hong, S.R.	(3–5) 740
Lee, I. see Oh, I.K.	(3–5) 1186
Lee, S. see Shin, H. (Short Communications)	(1–2) 503
Léger, S. see Gaudet, S.	(1–2) 388
Lei, Y. see Wang, D. (Short Communications)	(3–5) 1229
Leung, A.Y.T. see Hou, P.F.	(1–2) 19
Li, J. see Zhao, X.	(1–2) 215
Li, K. and Darby, A.P., An experimental investigation into the use of a buffered impact damper	(3–5) 844
Li, X., Ji, J.C., Hansen, C.H. and Tan, C., The response of a Duffing–van der Pol oscillator under delayed feedback control	(3–5) 644
Li, Z., He, Y., Chu, F., Han, J. and Hao, W., Fault recognition method for speed-up and speed-down process of rotating machinery based on independent component analysis and Factorial Hidden Markov Model	(1–2) 60
Lieven, N.J. see Green, K.	(3–5) 861
Liu, M.-F. see Chang, T.-P.	(1–2) 240
Liu, Y. and Shepard Jr., W.S., An improved method for the reconstruction of a distributed force acting on a vibrating structure	(1–2) 369
Llinares, J. see Martínez-Sala, R.	(1–2) 100
Luo, A.C.J. and Gegg, B.C., Stick and non-stick periodic motions in periodically forced oscillators with dry friction	(1–2) 132
Maga, L.J. see Maidanik, G.	(1–2) 323
Maidanik, G., Becker, K.J. and Maga, L.J., Replacement of a summation by an integration in structural acoustics	(1–2) 323
Mallik, A.K., Chandra, S. and Singh, A.B., Steady-state response of an elastically supported infinite beam to a moving load.	(3–5) 1148
Martínez-Sala, R., Rubio, C., García-Raffi, L.M., Sánchez-Pérez, J.V., Sánchez-Pérez, E.A. and Llinares, J., Control of noise by trees arranged like sonic crystals	(1–2) 100
Meher, K.K. and Rao, A.R., Optimal foundation design of a vertical pump assembly (Short Communications).	(3–5) 1269
Mei, C., Karpenko, Y., Moody, S. and Allen, D., Analytical approach to free and forced vibrations of axially loaded cracked Timoshenko beams	(3–5) 1041
Meng, G. see Sun, X. (Short Communications).	(1–2) 516
Miyamoto, A. see Yan, B.F.	(1–2) 285
Moody, S. see Mei, C.	(3–5) 1041
Morino, L. see Iemma, U.	(1–2) 107
Morsch, I.B. see Boëssio, M.L.	(1–2) 169
Murphy, K.D. see Fang, X.	(1–2) 395
Nagendra, J. see Chandiramani, N.K.	(1–2) 1
Nair, K.K., Kiremidjian, A.S. and Law, K.H., Time series-based damage detection and localization algorithm with application to the ASCE benchmark structure	(1–2) 349
Nayak, A.N. and Bandyopadhyay, J.N., Dynamic response analysis of stiffened conoidal shells (Discussions)	(3–5) 1288

- Nunes, R.F., Klimke, A. and Arruda, J.R.F., On estimating frequency response function envelopes using the spectral element method and fuzzy sets. (3-5) 986
- Oh, I.K. and Lee, I., Supersonic flutter suppression of piezolaminated cylindrical panels based on multifield layerwise theory (3-5) 1186
- Palan, V., Shepard Jr., W.S. and Gregory McDaniel, J., Characterization of an experimental wavenumber fitting method for loss factor estimation using a viscoelastically damped structure (3-5) 1170
- Pan, T.-C. see Zhang, X. (1-2) 202
- Pastouchenko, N.N. see Tam, C.K.W. (1-2) 192
- Pavić, G., Numerical study of vibration damping, energy and energy flow in a beam–plate system (3-5) 902
- Pavić, G., Vibration damping, energy and energy flow in rods and beams: Governing formulae and semi-infinite systems. (3-5) 932
- Pentaras, D. see Elishakoff, I. (Short Communications). (3-5) 1239
- Pinto, F., Analytical and experimental investigation on a vibrating annular membrane attached to a central free, rigid core (Short Communications) (3-5) 1278
- Plagianakos, T.S. see Saravanos, D.A. (3-5) 802
- Publisher's Note. (3-5) 523
- Qiu, J. see Han, J.-H. (3-5) 706
- Ramaratnam, A. and Jalili, N., A switched stiffness approach for structural vibration control: theory and real-time implementation (1-2) 258
- Rao, A.R. see Meher, K.K. (Short Communications) (3-5) 1269
- Redekop, D., Three-dimensional free vibration analysis of inhomogeneous thick orthotropic shells of revolution using differential quadrature (3-5) 1029
- Rong, H.W., Wang, X.D., Xu, W. and Fang, T., Saturation and resonance of nonlinear system under bounded noise excitation (1-2) 48
- Rubio, C. see Martínez-Sala, R. (1-2) 100
- Sánchez-Pérez, E.A. see Martínez-Sala, R. (1-2) 100
- Sánchez-Pérez, J.V. see Martínez-Sala, R. (1-2) 100
- Santoro, R. and Elishakoff, I., Accuracy of the finite difference method in stochastic setting (1-2) 275
- Saravanos, D.A., Varelis, D., Plagianakos, T.S. and Chrysochoidis, N., A shear beam finite element for the damping analysis of tubular laminated composite beams (3-5) 802
- Schlinker, R.H. see Tam, C.K.W. (1-2) 192
- Senator, M., Synchronization of two coupled escapement-driven pendulum clocks. (3-5) 566
- Shepard Jr., W.S. see Liu, Y. (1-2) 369
- Shepard Jr., W.S. see Palan, V. (3-5) 1170
- Shin, H., Sun, H. and Lee, S., Development of a new free wake model considering a blade–vane interaction for a low noise axial fan planform optimization (Short Communications). (1-2) 503
- Şimşek, M. see Kocatürk, T. (1-2) 302
- Singh, A.B. see Mallik, A.K. (3-5) 1148
- Singh, B., Reflection of SV waves from the free surface of an elastic solid in generalized thermoelastic diffusion (3-5) 764
- Singh, R. see Kim, S. (3-5) 604
- Smith, S.T. see Woody, S.C. (Short Communications). (1-2) 491
- So, R.M.C. see Wang, X.Q. (3-5) 681
- Sol, H. see Lauwagie, T. (3-5) 723
- Sorokin, S.V. and Ershova, O.A., Analysis of the energy transmission in compound cylindrical shells with and without internal heavy fluid loading by boundary integral equations and by Floquet theory. (1-2) 81
- Sorokin, S.V., Analysis of propagation of waves of purely shear deformation in a sandwich plate (Short Communications). (3-5) 1208
- Srinivasan, K. see Chandiramani, N.K. (1-2) 1
- Su, X. see Guan, D. (1-2) 72
- Sun, H. see Shin, H. (Short Communications) (1-2) 503
- Sun, X., Kuo, S.M. and Meng, G., Adaptive algorithm for active control of impulsive noise (Short Communications). (1-2) 516
- Sun, Z. see Yang, X. (Short Communications) (3-5) 1261

Tam, C.K.W., Pastouchenko, N.N. and Schlinker, R.H., Noise source distribution in supersonic jets	(1–2)	192
Tan, C. see Li, X.	(3–5)	644
Tang, J. see Fang, X.	(1–2)	395
Tani, J. see Han, J.-H.	(3–5)	706
Tufekci, E. and Dogruer, O.Y., Out-of-plane free vibration of a circular arch with uniform cross-section: Exact solution	(3–5)	525
Varelis, D. see Saravanos, D.A.	(3–5)	802
Wang, D., Friswell, M.I. and Lei, Y., Maximizing the natural frequency of a beam with an intermediate elastic support (Short Communications)	(3–5)	1229
Wang, X.D. see Rong, H.W.	(1–2)	48
Wang, X.Q., So, R.M.C. and Chan, K.T., Resonant beam vibration: A wave evolution analysis.	(3–5)	681
Wang, Y. see Zhang, X.	(1–2)	202
Wickert, J.A. see Kartik, V.	(1–2)	419
Woody, S.C. and Smith, S.T., Damping of a thin-walled honeycomb structure using energy absorbing foam (Short Communications)	(1–2)	491
Wu, J.-S. and Hsu, S.-H., A unified approach for the free vibration analysis of an elastically supported immersed uniform beam carrying an eccentric tip mass with rotary inertia	(3–5)	1122
Wu, S.R., Classical solutions of forced vibration of rectangular plate driven by displacement boundary conditions	(3–5)	1104
Xu, W. see Rong, H.W.	(1–2)	48
Xu, W. see Yang, X. (Short Communications)	(3–5)	1261
Xu, Y.L. see Zhao, X.	(1–2)	215
Yan, B.F., Miyamoto, A. and Brühwiler, E., Wavelet transform-based modal parameter identification considering uncertainty.	(1–2)	285
Yang, X., Xu, W. and Sun, Z., Response statistics of strongly nonlinear system to random narrowband excitation (Short Communications)	(3–5)	1261
Yilmaz, C. and Kikuchi, N., Analysis and design of passive band-stop filter-type vibration isolators for low-frequency applications	(3–5)	1004
Ylä-Oijala, P. and Järvenpää, S., Iterative solution of high-order boundary element method for acoustic impedance boundary value problems	(3–5)	824
Yuan, J., Improving active noise control in resonant fields.	(3–5)	749
Zeng, J. and de Callafon, R.A., Recursive filter estimation for feedforward noise cancellation with acoustic coupling	(3–5)	1061
Zhang, F. see Guan, D.	(1–2)	72
Zhang, X., Brownjohn, J.M.W., Wang, Y. and Pan, T.-C., Direct observations of non-stationary bridge deck aeroelastic vibration in wind tunnel	(1–2)	202
Zhao, X., Xu, Y.L., Li, J. and Chen, J., Hybrid identification method for multi-story buildings with unknown ground motion: theory.	(1–2)	215