

Index to Volume 301

Aidanpää, J.-O. see Lundström, N.L.P.	(1–2)	207
Augusztinovicz, F. see Fiala, P.	(3–5)	718
Basili, M. and De Angelis, M., Optimal passive control of adjacent structures interconnected with nonlinear hysteretic devices.	(1–2)	106
Beléndez, A., Hernández, A., Beléndez, T., Neipp, C. and Márquez, A., Erratum to “Asymptotic representations of the period for the nonlinear oscillator $\ddot{x} + (1 + \dot{x}^2)x = 0$ ” [Journal of Sound and Vibration 299 (2007) 403–408].	(1–2)	427
Beléndez, T. see Beléndez, A.	(1–2)	427
Bennani, A. see Jacquelin, E.	(3–5)	789
Billings, S.A. see Peng, Z.K.	(3–5)	777
Brennan, M.J. see Carrella, A.	(3–5)	678
Brennan, M.J. see Gonçalves, P.J.P.	(3–5)	1035
Cai, X. see Sun, L.	(1–2)	18
Carrella, A., Brennan, M.J. and Waters, T.P., Static analysis of a passive vibration isolator with quasi-zero-stiffness characteristic	(3–5)	678
Celep, Z. and Güler, K., Axisymmetric forced vibrations of an elastic free circular plate on a tensionless two parameter foundation	(3–5)	495
Challamel, N. and Gilles, G., Stability and dynamics of a harmonically excited elastic-perfectly plastic oscillator.	(3–5)	608
Chen, C.-T. see Wu, J.-S.	(3–5)	878
Chen, H.X., Chua, P.S.K. and Lim, G.H., Vibration analysis with lifting scheme and generalized cross validation in fault diagnosis of water hydraulic system	(3–5)	458
Cheng, L. see Wong, W.O.	(3–5)	898
Cheung, Y.L. see Wong, W.O.	(3–5)	898
Chondros, T.G. and Labeas, G.N., Torsional vibration of a cracked rod by variational formulation and numerical analysis	(3–5)	994
Chua, P.S.K. see Chen, H.X.	(3–5)	458
Chuang, C.-W., PC-based pseudo-model following discrete integral variable structure control of positions in slider-crank mechanisms	(3–5)	510
Dai, K.Y. and Liu, G.R., Free and forced vibration analysis using the smoothed finite element method (SFEM)	(3–5)	803
Das, S.K., Ray, P.C. and Pohit, G., Free vibration analysis of a rotating beam with nonlinear spring and mass system.	(1–2)	165
David, J.-M. and Menelle, M., Validation of a modal method by use of an appropriate static potential for a plate coupled to a water-filled cavity	(3–5)	739
De Angelis, M. see Basili, M.	(1–2)	106
Degrande, G. see Fiala, P.	(3–5)	718
Denli, H. and Sun, J.Q., Structural-acoustic optimization of sandwich structures with cellular cores for minimum sound radiation.	(1–2)	93
Divenyi, S. see Savi, M.A.	(1–2)	59
Djamaa, M.C., Ouelaa, N., Pezerat, C. and Guyader, J.L., Reconstruction of a distributed force applied on a thin cylindrical shell by an inverse method and spatial filtering.	(3–5)	560
Doğruoğlu, A.N. see Gürgöze, M.	(1–2)	420

- Du, C., Wong, W.E. and Guo, G., Experimental study of disk vibration reduction via stacked disks. . . (1-2) 226
- Du, H. and Zhang, N., H_∞ control of active vehicle suspensions with actuator time delay (1-2) 236
- Duan, C. and Singh, R., Dynamic analysis of preload nonlinearity in a mechanical oscillator (3-5) 963
- Durali, M. see Esmaeili, M. (1-2) 146
- Ekhlakov, A. see Seemann, W. (3-5) 1007
- Eldredge, J.D., The dynamics and acoustics of viscous two-dimensional leapfrogging vortices. (1-2) 74
- Elliott, S.J. see Gonçalves, P.J.P. (3-5) 1035
- Elliott, S.J. see Hong, C. (1-2) 297
- Endo, M. and Kimura, N., An alternative formulation of the boundary value problem for the Timoshenko beam and Mindlin plate. (1-2) 355
- Esmaeili, M., Jalili, N. and Durali, M., Dynamic modeling and performance evaluation of a vibrating beam microgyroscope under general support motion. (1-2) 146
- Fang, H. see Li, H. (3-5) 481
- Fiala, P., Degrande, G. and Augusztinovicz, F., Numerical modelling of ground-borne noise and vibration in buildings due to surface rail traffic (3-5) 718
- Franca, L.F.P. see Savi, M.A. (1-2) 59
- Friswell, M.I. and Wang, D., The minimum support stiffness required to raise the fundamental natural frequency of plate structures (3-5) 665
- Frostig, Y. see Schwarts-Givli, H. (1-2) 253
- Gardonio, P. see Hong, C. (1-2) 297
- Gautier, F. see Picó, R. (3-5) 649
- Ghoneim, H. and Lawrie, D.J., Dynamic analysis of a hyperbolic composite coupling (1-2) 43
- Gilles, G. see Challamel, N. (3-5) 608
- Gill-Jeong, C., Nonlinear behavior analysis of spur gear pairs with a one-way clutch (3-5) 760
- Glushkov, E. see Seemann, W. (3-5) 1007
- Glushkova, N. see Seemann, W. (3-5) 1007
- Gonçalves, P.J.P., Brennan, M.J. and Elliott, S.J., Numerical evaluation of high-order modes of vibration in uniform Euler-Bernoulli beams. (3-5) 1035
- Güler, K. see Celep, Z. (3-5) 495
- Gunda, R. see He, S. (3-5) 927
- Guo, G. see Du, C. (1-2) 226
- Gupta, A.K. and Khanna, A., Vibration of visco-elastic rectangular plate with linearly thickness variations in both directions (3-5) 450
- Gürgöze, M., Doğruoğlu, A.N. and Zeren, S., On the eigencharacteristics of a cantilevered visco-elastic beam carrying a tip mass and its representation by a spring-damper-mass system (1-2) 420
- Guyader, J.L. see Djamaa, M.C. (3-5) 560
- Hagedorn, P. see Sinha, N.K. (1-2) 400
- He, S., Gunda, R. and Singh, R., Effect of sliding friction on the dynamics of spur gear pair with realistic time-varying stiffness (3-5) 927
- Hein, H. and Lepik, Ü, Response of nonlinear oscillators with random frequency of excitation, revisited. (3-5) 1040
- Hernández, A. see Beléndez, A. (1-2) 427
- Ho, C.-C. and Ma, C.-K., Active vibration control of structural systems by a combination of the linear quadratic Gaussian and input estimation approaches (3-5) 429
- Hoffmann, N.P., Linear stability of steady sliding in point contacts with velocity dependent and LuGre type friction. (3-5) 1023
- Hong, C., Gardonio, P. and Elliott, S.J., Active control of resiliently mounted beams using triangular actuators. (1-2) 297
- Howard, C.Q., Modal mass of clamped beams and clamped plates. (1-2) 410
- Huang, S.-C. see Yang, C.-H. (1-2) 1
- Jacquelin, E., Lainé, J.-P., Bennani, A. and Massenzio, M., A modelling of an impacted structure based on constraint modes. (3-5) 789
- Jalili, N. see Esmaeili, M. (1-2) 146
- James Hu, S.-L. see Li, H. (3-5) 481

Jayakumar, K., Yadav, D. and Nageswara Rao, B., Nonlinear vibration analysis for a generic coupled-laminated plate with surface bonded or embedded induced strain actuators	(3–5)	846
Jensen, J.S., Topology optimization problems for reflection and dissipation of elastic waves	(1–2)	319
Jiang, Z. and Qiu, X., Receiving radius determination in ray-tracing sound prediction of rectangular enclosure.	(1–2)	391
Khanna, A. see Gupta, A.K.	(3–5)	450
Kim, K.-J. see Lee, J.-H.	(3–5)	909
Kimura, N. see Endo, M.	(1–2)	355
Kozić, P. see Pavlović, R.	(3–5)	690
Kvasha, O. see Seemann, W.	(3–5)	1007
Labeas, G.N. see Chondros, T.G.	(3–5)	994
Lainé, J.-P. see Jacquelin, E.	(3–5)	789
Lang, Z.Q. see Peng, Z.K.	(3–5)	777
Lawrie, D.J. see Ghoneim, H.	(1–2)	43
Lee, J.-H. and Kim, K.-J., Modeling of nonlinear complex stiffness of dual-chamber pneumatic spring for precision vibration isolations	(3–5)	909
Lee, J.M. see Lee, J.W.	(3–5)	821
Lee, J.W. and Lee, J.M., An improved mode superposition method applicable to a coupled structural–acoustic system with a multiple cavity	(3–5)	821
Lepik, Ü see Hein, H.	(3–5)	1040
Li, H., Fang, H. and James Hu, S.-L., Damage localization and severity estimate for three-dimensional frame structures.	(3–5)	481
Lidström, P. and Olsson, P., On the natural vibrations of linear structures with constraints	(1–2)	341
Lim, G.H. see Chen, H.X.	(3–5)	458
Lin, W. and Qiao, N., Corrigendum to “A note on the stability and chaotic motions of a restrained pipe conveying fluid” [Journal of Sound and Vibration 296 (2006) 1079–1083]	(3–5)	1052
Lin, W. and Qiao, N., Corrigendum to “Bifurcations and chaos in a forced cantilever system with impacts” [Journal of Sound and Vibration 296 (2006) 1068–1078]	(3–5)	1051
Liu, G.R. see Dai, K.Y.	(3–5)	803
Liu, Z. and Payre, G., Stability analysis of doubly regenerative cylindrical grinding process	(3–5)	950
Lundström, N.L.P. and Aidanpää, J.-O., Dynamic consequences of electromagnetic pull due to deviations in generator shape	(1–2)	207
Ma, C.-K. see Ho, C.-C.	(3–5)	429
Márquez, A. see Beléndez, A.	(1–2)	427
Massenzio, M. see Jacquelin, E.	(3–5)	789
Menelle, M. see David, J.-M.	(3–5)	739
Nageswara Rao, B. see Jayakumar, K.	(3–5)	846
Neipp, C. see Beléndez, A.	(1–2)	427
Olsson, P. see Lidström, P.	(1–2)	341
Ostiguy, G. see Ross, A.	(1–2)	28
Ouelaa, N. see Djamaa, M.C.	(3–5)	560
Öziş, T. and Yıldırım, A., Determination of periodic solution for a $u^{1/3}$ force by He’s modified Lindstedt–Poincaré method.	(1–2)	415
Paolone, A. see Romeo, F.	(3–5)	635
Pavic, A. see Živanović, S.	(1–2)	126
Pavlović, I. see Pavlović, R.	(3–5)	690
Pavlović, R., Kozić, P., Rajković, P. and Pavlović, I., Dynamic stability of a thin-walled beam subjected to axial loads and end moments	(3–5)	690
Payre, G. see Liu, Z.	(3–5)	950
Peng, Z.K., Lang, Z.Q. and Billings, S.A., Crack detection using nonlinear output frequency response functions.	(3–5)	777
Pezerat, C. see Djamaa, M.C.	(3–5)	560

- Picó, R., Gautier, F. and Redondo, J., Acoustic input impedance of a vibrating cylindrical tube. . . . (3-5) 649
- Pohit, G. see Das, S.K. (1-2) 165
- Prikazchikov, D.A., Rogerson, G.A. and Sandiford, K.J., On localised vibrations in incompressible pre-stressed transversely isotropic elastic solids. (3-5) 701
- Qiao, N. see Lin, W. (3-5) 1051
- Qiao, N. see Lin, W. (3-5) 1052
- Qiu, X. see Jiang, Z. (1-2) 391
- Qiu, Z.-c., Zhang, X.-m., Wu, H.-x. and Zhang, H.-h., Optimal placement and active vibration control for piezoelectric smart flexible cantilever plate (3-5) 521
- Rabinovitch, O. see Schwarts-Givli, H. (1-2) 253
- Rajković, P. see Pavlović, R. (3-5) 690
- Ray, P.C. see Das, S.K. (1-2) 165
- Rdzanek, W.J. see Rdzanek, W.P. (3-5) 544
- Rdzanek, W.P. and Rdzanek, W.J., Asymptotic formulas for the acoustic radiation impedance of an elastically supported annular plate. (3-5) 544
- Redondo, J. see Picó, R. (3-5) 649
- Reynolds, P. see Živanović, S. (1-2) 126
- Rogerson, G.A. see Prikazchikov, D.A. (3-5) 701
- Romeo, F. and Paolone, A., Wave propagation in three-coupled periodic structures (3-5) 635
- Ross, A. and Ostiguy, G., Propagation of the initial transient noise from an impacted plate. (1-2) 28
- Sandiford, K.J. see Prikazchikov, D.A. (3-5) 701
- Savi, M.A., Divenyi, S., Franca, L.F.P. and Weber, H.I., Numerical and experimental investigations of the nonlinear dynamics and chaos in non-smooth systems. (1-2) 59
- Schwarts-Givli, H., Rabinovitch, O. and Frostig, Y., Free vibrations of delaminated unidirectional sandwich panels with a transversely flexible core—a modified Galerkin approach (1-2) 253
- Seemann, W., Ekhlakov, A., Glushkov, E., Glushkova, N. and Kvasha, O., The modeling of piezoelectrically excited waves in beams and layered substructures (3-5) 1007
- Sharma, J.N., Generalized thermoelastic diffusive waves in heat conducting materials (3-5) 979
- Sharma, J.N. and Walia, V., Further investigations on Rayleigh waves in piezothermoelastic materials. (1-2) 189
- Sims, N.D., Vibration absorbers for chatter suppression: A new analytical tuning methodology (3-5) 592
- Singh, R. see Duan, C. (3-5) 963
- Singh, R. see He, S. (3-5) 927
- Sinha, N.K. and Hagedorn, P., Wind-excited overhead transmission lines: Estimation of connection stresses at junctions (1-2) 400
- Smith, M.G. and Whale, S., Acoustic measurement of boundary layer flow parameters (1-2) 278
- Sun, J.Q. see Denli, H. (1-2) 93
- Sun, L., Cai, X. and Yang, J., Genetic algorithm-based optimum vehicle suspension design using minimum dynamic pavement load as a design criterion. (1-2) 18
- Tang, S.L. see Wong, W.O. (3-5) 898
- Tomasiello, S., A generalization of the IDQ method and a DQ-based approach to approximate non-smooth solutions in structural analysis. (1-2) 374
- Tonoli, A., Dynamic characteristics of eddy current dampers and couplers (3-5) 576
- Walia, V. see Sharma, J.N. (1-2) 189
- Wang, D. see Friswell, M.I. (3-5) 665
- Waters, T.P. see Carrella, A. (3-5) 678
- Weber, H.I. see Savi, M.A. (1-2) 59
- Whale, S. see Smith, M.G. (1-2) 278
- Wong, W.E. see Du, C. (1-2) 226
- Wong, W.O., Tang, S.L., Cheung, Y.L. and Cheng, L., Design of a dynamic vibration absorber for vibration isolation of beams under point or distributed loading (3-5) 898
- Wu, H.-x. see Qiu, Z.-c. (3-5) 521
- Wu, J.-S. and Chen, C.-T., A lumped-mass TMM for free vibration analysis of a multi-step Timoshenko beam carrying eccentric lumped masses with rotary inertias. (3-5) 878

Yadav, D. see Jayakumar, K.	(3-5)	846
Yang, C.-H. and Huang, S.-C., The influence of disk's flexibility on coupling vibration of shaft-disk-blades systems	(1-2)	1
Yang, J. see Sun, L.	(1-2)	18
Yang, S.A., Evaluation of the Helmholtz boundary integral equation and its normal and tangential derivatives in two dimensions	(3-5)	864
Yıldırım, A. see Öziş, T.	(1-2)	415
Zeren, S. see Gürgöze, M.	(1-2)	420
Zhang, H.-h. see Qiu, Z.-c.	(3-5)	521
Zhang, N. see Du, H.	(1-2)	236
Zhang, X.-m. see Qiu, Z.-c.	(3-5)	521
Živanović, S., Pavić, A. and Reynolds, P., Finite element modelling and updating of a lively footbridge: The complete process	(1-2)	126