

Author Index Volume 19 (2012)

The issue number is given in front of the page numbers.

- Abboud, N., see Woelke, P. (3) 459– 475
Abboud, N., see Woelke, P. (3) 477– 492
Abboud, N., see Woelke, P. (4) 515– 525
Abu-Alshaikh, I., see Abu-Mallouh, R. (3) 333– 347
Abu-Mallouh, R., I. Abu-Alshaikh, H.S. Zibdeh and K. Ramadan, Response of fractionally damped beams with general boundary conditions subjected to moving loads (3) 333– 347
Adhikari, S. and S. Bhattacharya, Dynamic analysis of wind turbine towers on flexible foundations (1) 41– 60
Agarwal, P., see Nanda, R.P. (6) 1327–1339
Aguilar, R.R. and H.I. Weber, Impact force magnitude analysis of an impact pendulum suspended in a vibrating structure (6) 1359–1372
Ahlin, K., see Josefsson, A. (6) 1257–1266
Ahmadian, M., see Zhang, X.-J. (3) 257– 272
Ahmed, W., see Uzzal, R.U.A. (2) 205– 220
Akyuz, U., see Ozdemir, G. (4) 505– 513
Alin, N., see Riley, M. (4) 555– 571
Amiri, G.G., see Bagheri, A. (3) 405– 419
Anthonis, J., see Soria, L. (5) 1099–1113
Araújo dos Santos, J.V., see Lopes, H. (5) 835– 844
Ashcroft, I.A., see Tsigkourakos, G. (4) 573– 584
Attarnejad, R., see Shahba, A. (2) 187– 204
Avitabile, P. and P. Pingle, Prediction of full field dynamic strain from limited sets of measured data (5) 765– 785
Awrejcewicz, J. and G. Kudra, Celtic stone dynamics revisited using dry friction and rolling resistance (5) 1115–1123
Awrejcewicz, J., I.V. Papkova, E.U. Krylova and V.A. Krysko, Wavelet-based analysis of the regular and chaotic dynamics of rectangular flexible plates subjected to shear-harmonic loading (5) 979– 994
Bagheri, A., H.R. Razeghi and G.G. Amiri, Detection and estimation of damage in structures using imperialist competitive algorithm (3) 405– 419
Barari, A., A. Kimiaefar, M.G. Nejad, M. Motevalli and M.G. Sfahani, A closed form solution for nonlinear oscillators frequencies using amplitude-frequency formulation (6) 1415–1426
Barari, A., see Fereidoon, A. (3) 323– 332
Barreiros, A., see Moita, P.P. (5) 1019–1025
Bartel, T., see Buff, H. (5) 787– 794
Bartelmus, W., see Chaari, F. (4) 635– 652
Bellino, A., S. Marchesiello and L. Garibaldi, Experimental dynamic analysis of nonlinear beams under moving loads (5) 969– 978
Ben Hamdin, H.A.M. and G. Tanner, Multi-component BEM for the Helmholtz equation: A normal derivative method (5) 957– 967
Bhaduri, S., see Nandi, A. (4) 719– 734

- Bhardwaj, N., A.P. Gupta, K.K. Choong, C.M. Wang and H. Ohmori, Transverse vibrations of clamped and simply-supported circular plates with two dimensional thickness variation (3) 273– 285
- Bhat, R.B., see Uzzal, R.U.A. (2) 205– 220
- Bhattacharya, S., see Adhikari, S. (1) 41– 60
- Blanc, L., see Sall, A.C. (5) 1041–1050
- Bograd, S., see Schmidt, A. (5) 1125–1133
- Boukabou, A. and N. Mansouri, T-S fuzzy control of uncertain chaotic vibration (3) 379– 389
- Brennan, M.J., see Bueno, D.D. (3) 287– 299
- Brischetto, S. and E. Carrera, Free vibration analysis for layered shells accounting of variable kinematic and thermo-mechanical coupling (2) 155– 173
- Broman, G., see Josefsson, A. (6) 1257–1266
- Bueno, D.D., C.R. Marqui, V. Lopes Jr, M.J. Brennan and D.J. Inman, Structural damage identification and location using grammian matrices (3) 287– 299
- Buff, H., A. Friedmann, M. Koch, T. Bartel and M. Kauba, Design of a random decrement method based structural health monitoring system (5) 787– 794
- Cao, Y., Y. He, H. Zheng and J. Yang, An alarm method for a Loose Parts Monitoring System (4) 753– 761
- Carcatera, A. and N. Roveri, Energy distribution in impulsively excited structures (5) 1143–1163
- Cardoso, J.B., see Moita, P.P. (5) 1019–1025
- Carrera, E., P. Nali, S. Lecca and M. Soave, Effects of in-plane loading on vibration of composite plates (4) 619– 634
- Carrera, E., see Brischetto, S. (2) 155– 173
- Castro, E., see Moreno-García, P. (5) 857– 865
- Chaari, F., W. Bartelmus, R. Zimroz, T. Fakhfakh and M. Haddar, Gearbox vibration signal amplitude and frequency modulation (4) 635– 652
- Chan, K.-K., see Woelke, P. (3) 459– 475
- Chan, K.-K., see Woelke, P. (3) 477– 492
- Chandiramani, N.K. and S.P. Purohit, Semi-active control using magnetorheological dampers with output feedback and distributed sensing (6) 1427–1443
- Chen, J.H., see Wu, J.S. (1) 61– 83
- Chen, L.-Q., H. Ding and C.W. Lim, Principal parametric resonance of axially accelerating viscoelastic beams: Multi-scale analysis and differential quadrature verification (4) 527– 543
- Chen, W., see Liu, S. (4) 493– 504
- Choong, K.K., see Bhardwaj, N. (3) 273– 285
- Cofer, W.F., D.S. Matthews and D.I. McLean, Effects of blast loading on prestressed girder bridges (1) 5– 22
- Collette, C., Importance of the wheel vertical dynamics in the squeal noise mechanism on a scaled test bench (2) 145– 153
- Daddazio, R., see Woelke, P. (3) 459– 475
- Daddazio, R., see Woelke, P. (3) 477– 492
- De Sitter, G., C. Devriendt and P. Guillaume, Transmissibility-based operational modal analysis: Enhanced stabilisation diagrams (5) 1085–1097
- De Sitter, G., see Devriendt, C. (5) 1071–1083
- De Sousa, F.L., see Mainenti-Lopes, I. (5) 947– 956
- De Troyer, T., see Devriendt, C. (5) 1071–1083
- Debeleac, C., see Leopa, A. (5) 803– 809
- Debeleac, C., see Leopa, A. (5) 915– 928
- Deckers, K., P. Guillaume, C. Vuye and D. Lefebber, Implementation of the scanning laser Doppler vibrometer combined with a light-weight pneumatic artificial muscle actuator for the modal analysis of a civil structure (3) 421– 431

- Devin, A. and P.J. Fanning, The evolving dynamic response of a four storey reinforced concrete structure during construction (5) 1051–1059
- Devriendt, C., see De Sitter, G. (5) 1085–1097
- Devriendt, C., T. De Troyer, G. De Sitter and P. Guillaume, Transmissibility-based operational modal analysis for flight flutter testing using exogenous inputs (5) 1071–1083
- Dey, S. and A. Karmakar, Effect of location of delamination on free vibration of cross-ply conical shells (4) 679– 692
- Ding, H., see Chen, L.-Q. (4) 527– 543
- Domairry, G., see Fereidoon, A. (3) 323– 332
- dos Santos, J.V.A. and J.N. Reddy, Vibration of Timoshenko beams using non-classical elasticity theories (3) 251– 256
- Eipakchi, H.R., see Tehrani, M. (3) 447– 458
- Enss, G.C., R. Platz and H. Hanselka, Uncertainty in loading and control of an active column critical to buckling (5) 929– 937
- Eren, O., see Yalciner, H. (5) 891– 902
- Eslaminia, M., see Shahba, A. (2) 187– 204
- Fakhfakh, T., see Chaari, F. (4) 635– 652
- Fanning, P.J., see Devin, A. (5) 1051–1059
- Fekrmandi, H., see Rezaee, M. (2) 175– 186
- Fereidoon, A., M. Ghadimi, A. Barari, H.D. Kaliji and G. Domairry, Nonlinear vibration of oscillation systems using frequency-amplitude formulation (3) 323– 332
- Fernandes, K.M., see Tenenbaum, R.A. (3) 301– 321
- Foster, W.A., see Martin, J.N. (1) 23– 28
- Friedmann, A., see Buff, H. (5) 787– 794
- Fritzen, C.-P., see Torres-Arredondo, M.A. (5) 825– 833
- Fry Jr., R.N., see Stockham, L.W. (4) 669– 677
- Gallego, A., see Moreno-García, P. (5) 857– 865
- Gan, C., see Xiang, L. (6) 1223–1233
- Ganji, D.D., see Ganji, H.D. (4) 609– 617
- Ganji, H.D., S.S. Ganji, D.D. Ganji and F. Vaseghi, Analysis of nonlinear structural dynamics and resonance in trees (4) 609– 617
- Ganji, S.S., see Ganji, H.D. (4) 609– 617
- Garibaldi, L., see Bellino, A. (5) 969– 978
- Gaul, L., see Schmidt, A. (5) 1125–1133
- Ghadimi, M., see Fereidoon, A. (3) 323– 332
- Ghandchi Tehrani, M. and H. Ouyang, Receptance-based partial pole assignment for asymmetric systems using state-feedback (5) 1135–1142
- Golinval, J.-C., see Nguyen, V.H. (5) 795– 801
- González, R.G., see Souza, L.C.G. (5) 939– 946
- González, A., see Meredith, J. (5) 845– 856
- Graham, P.W., see Stockham, L.W. (4) 669– 677
- Guillaume, P., see De Sitter, G. (5) 1085–1097
- Guillaume, P., see Deckers, K. (3) 421– 431
- Guillaume, P., see Devriendt, C. (5) 1071–1083
- Guo, K.-H., see Zhang, X.-J. (3) 257– 272
- Gupta, A.P., see Bhardwaj, N. (3) 273– 285
- Guyomar, D., see Lallart, M. (5) 867– 877

- Haddar, M., see Chaari, F. (4) 635– 652
- Hanselka, H., see Enss, G.C. (5) 929– 937
- Hansen, E., see Woelke, P. (4) 515– 525
- Hao, Y., see Yu, A.M. (6) 1167–1180
- Hasheminejad, S.M. and Y. Mirzaei, Three dimensional vibration analysis of a class of traction-free solid elastic bodies with an eccentric cavity (6) 1341–1357
- He, L., see Li, X. (3) 365– 378
- He, Y., see Cao, Y. (4) 753– 761
- Hester, D., see Meredith, J. (5) 845– 856
- Hryniewicz, Z., see Koziol, P. (5) 995–1007
- Hu, F., see Zhang, Z. (4) 653– 668
- Hua, H., see Zhang, Z. (4) 653– 668
- Huang, J., see Liu, S. (4) 493– 504
- Huang, K., see Zou, L.H. (3) 391– 403
- Hufner, D.R., Constitutive theories for woven composite structures subjected to shock loading; experimental validation using a conical shock tube (2) 123– 144
- Inman, D.J., see Bueno, D.D. (3) 287– 299
- Inman, D.J., see Palomino, L.A. (5) 811– 823
- Irretier, H., see Nandi, A. (4) 719– 734
- Jacquelin, E., S. Pashah, J.P. Lainé and M. Massenzio, Estimation of the impact duration for several types of structures (4) 597– 608
- Jaumouillé, V., J.-J. Sinou and B. Petitjean, Simulation of Payne effect of elastomeric isolators with a harmonic balance method (6) 1281–1295
- Jean, P., see Sall, A.C. (5) 1041–1050
- Ji, T., see Zhou, D. (1) 105– 122
- Jiang, Z., see Liu, X. (4) 585– 596
- Josefsson, A., K. Ahlin and G. Broman, Bias errors due to leakage effects when estimating frequency response functions (6) 1257–1266
- Kaliji, H.D., see Fereidoon, A. (3) 323– 332
- Karmakar, A., see Dey, S. (4) 679– 692
- Kauba, M., see Buff, H. (5) 787– 794
- Kazancı, Z., see Susler, S. (6) 1235–1255
- Kimiaeifar, A., see Barari, A. (6) 1415–1426
- Koch, M., see Buff, H. (5) 787– 794
- Kodama, N. and K. Komiya, Model tests and FE-modelling of dynamic soil-structure interaction (5) 1061–1069
- Komiya, K., see Kodama, N. (5) 1061–1069
- Koziol, P. and M.M. Neves, Multilayered infinite medium subject to a moving load: Dynamic response and optimization using coiflet expansion (5) 1009–1018
- Koziol, P. and Z. Hryniewicz, Dynamic response of a beam resting on a nonlinear foundation to a moving load: Coiflet-based solution (5) 995–1007
- Krishna, K.R., see Kumar, K.P. (1) 29– 39
- Krylova, E.U., see Awrejcewicz, J. (5) 979– 994
- Krysko, V.A., see Awrejcewicz, J. (5) 979– 994
- Kudra, G., see Awrejcewicz, J. (5) 1115–1123
- Kumar, K.P., K.V.N.S. Rao, K.R. Krishna and B. Theja, Neural network based vibration analysis with novelty in data detection for a large steam turbine (1) 29– 39
- Kumar, Y., see Lal, R. (3) 349– 364

- Lainé, J.P., see Jacquelin, E. (4) 597– 608
- Lal, R. and Y. Kumar, Boundary characteristic orthogonal polynomials in the study of transverse vibrations of nonhomogeneous rectangular plates with bilinear thickness variation (3) 349– 364
- Lallart, M., D. Guyomar and T. Monnier, Low-power computation methods and self-powered systems for Structural Health Monitoring techniques using Lamb waves for embedded sensing (5) 867– 877
- Lau, F., see Rocha, J. (4) 693– 705
- Lecca, S., see Carrera, E. (4) 619– 634
- Lee, S.-K., see Lee, Y.-S. (5) 879– 890
- Lee, Y.-S., S.-K. Lee and K. Shin, Piezoceramic cantilever sensor design for weak-impact detection on plates (5) 879– 890
- Lefeber, D., see Deckers, K. (3) 421– 431
- Leopa, A., S. Nastac and C. Debeleac, Numerical and experimental testing of normality in the functioning of the bearings system (5) 915– 928
- Leopa, A., S. Nastac and C. Debeleac, Researches on damage identification in passive vibration isolation devices (5) 803– 809
- Li, B., see Zhang, p.-L. (6) 1373–1383
- Li, X., H. Zhang and L. He, The principal parametric resonance of coupled van der pol oscillators under feedback control (3) 365– 378
- Li, Z., see Zhang, Z. (4) 653– 668
- Lim, C.W., see Chen, L.-Q. (4) 527– 543
- Liu, A.P., see Zou, L.H. (3) 391– 403
- Liu, D.-S., see Zhang, p.-L. (6) 1373–1383
- Liu, Q., J. Zhang and L. Yan, Optimization design of structures subjected to transient loads using first and second derivatives of dynamic displacement and stress (6) 1445–1461
- Liu, S., W. Ye, P. Lou, W. Chen, J. Huang and L. Xiao, Bionic design for column of gantry machining center to improve the static and dynamic performance (4) 493– 504
- Liu, W.Q., see Wang, J.D. (6) 1185–1203
- Liu, W.Q., see Wang, J.D. (6) 1205–1222
- Liu, X., Z. Jiang and Z. Yan, Improvement of accuracy in damage localization using frequency slice wavelet transform (4) 585– 596
- Lopes Jr, V., see Bueno, D.D. (3) 287– 299
- Lopes, H., J. Ribeiro and J.V. Araújo dos Santos, Interferometric techniques in structural damage identification (5) 835– 844
- Lopes, H.M. and C.S. Oliveira, Use of *in-situ* dynamic measurements to calibrate analytical models of RC-elevated water tanks (5) 903– 914
- Lou, P., see Liu, S. (4) 493– 504
- Luck, R., see Weathers, J.B. (3) 433– 446
- Luo, H. and Y. Wang, Nonlinear vibration of a continuum rotor with transverse electromagnetic and bearing excitations (6) 1297–1314
- Ma, X., see Zou, L.H. (3) 391– 403
- Mainenti-Lopes, I., L.C.G. Souza and F.L. De Sousa, Design of a nonlinear controller for a rigid-flexible satellite using multi-objective Generalized Extremal Optimization with real codification (5) 947– 956
- Mansouri, N., see Boukabou, A. (3) 379– 389
- Marchesiello, S., see Bellino, A. (5) 969– 978
- Marqui, C.R., see Bueno, D.D. (3) 287– 299
- Martin, J.N., A.J. Sinclair and W.A. Foster, On the shock-response-spectrum recursive algorithm of Kelly and Richman (1) 23– 28

- Massenzio, M., see Jacquelin, E. (4) 597– 608
- Matthews, D.S., see Cofer, W.F. (1) 5– 22
- Mazzei Jr., A.J., On the effect of functionally graded materials on resonances of rotating beams (4) 707– 718
- Mazzei, Jr., A.J., On the effect of functionally graded materials on resonances of rotating beams (6) 1315–1326
- Mcarthur, C., see Woelke, P. (4) 515– 525
- McLean, D.I., see Cofer, W.F. (1) 5– 22
- Meredith, J., A. González and D. Hester, Empirical Mode Decomposition of the acceleration response of a prismatic beam subject to a moving load to identify multiple damage locations (5) 845– 856
- Mi, S.-S., see Zhang, p.-L. (6) 1373–1383
- Mirzaei, Y., see Hasheminejad, S.M. (6) 1341–1357
- Moita, P.P., J.B. Cardoso and A. Barreiros, Optimal design and control of mechanical systems with uncertain input (5) 1019–1025
- Monnier, T., see Lallart, M. (5) 867– 877
- Moreno-García, P., E. Castro, L. Romo-Melo, A. Gallego and A. Roldán, Vibration tests in CFRP plates for damage detection via non-parametric signal analysis (5) 857– 865
- Motevalli, M., see Barari, A. (6) 1415–1426
- Moura, Jr., J.R.V., see Palomino, L.A. (5) 811– 823
- Nali, P., see Carrera, E. (4) 619– 634
- Nanda, B.K., see Singh, B. (6) 1463–1475
- Nanda, R.P., P. Agarwal and M. Shrikhande, Suitable friction sliding materials for base isolation of masonry buildings (6) 1327–1339
- Nandi, A., S. Neogy, S. Bhaduri and H. Irretier, Vibration attenuation by a combination of a piezoelectric stack and a permanent magnet (4) 719– 734
- Nastac, S., see Leopa, A. (5) 803– 809
- Nastac, S., see Leopa, A. (5) 915– 928
- Nejad, M.G., see Barari, A. (6) 1415–1426
- Neogy, S., see Nandi, A. (4) 719– 734
- Neves, M.M., see Koziol, P. (5) 1009–1018
- Nguyen, V.H., C. Rutten and J.-C. Golinval, Fault diagnosis in industrial systems based on blind source separation techniques using one single vibration sensor (5) 795– 801
- Ohmori, H., see Bhardwaj, N. (3) 273– 285
- Oliveira, C.S., see Lopes, H.M. (5) 903– 914
- Ouyang, H., see Ghandchi Tehrani, M. (5) 1135–1142
- Ozdemir, G. and U. Akyuz, Dynamic analyses of isolated structures under bi-directional excitations of near-field ground motions (4) 505– 513
- Pai, M.-C., Closed-loop input shaping control of vibration in flexible structures via adaptive sliding mode control (2) 221– 233
- Palomino, L.A., K.M. Tsuruta, J.R.V. Moura, Jr., D.A. Rade, V. Steffen, Jr. and D.J. Inman, Evaluation of the influence of sensor geometry and physical parameters on impedance-based structural health monitoring (5) 811– 823
- Papkova, I.V., see Awrejcewicz, J. (5) 979– 994
- Paredes, M., Letter to the editor (6) 1181–1183
- Pashah, S., see Jacquelin, E. (4) 597– 608
- Peeters, B., see Soria, L. (5) 1099–1113
- Petitjean, B., see Jaumouillé, V. (6) 1281–1295
- Pierce, T.H., see Stockham, L.W. (4) 669– 677
- Pingle, P., see Avitabile, P. (5) 765– 785
- Platz, R., see Enss, G.C. (5) 929– 937

- Purohit, S.P., see Chandiramani, N.K. (6) 1427–1443
- Rade, D.A., see Palomino, L.A. (5) 811– 823
- Ramadan, K., see Abu-Mallouh, R. (3) 333– 347
- Rao, K.V.N.S., see Kumar, K.P. (1) 29– 39
- Razeghi, H.R., see Bagheri, A. (3) 405– 419
- Reddy, J.N., see dos Santos, J.V.A. (3) 251– 256
- Rezaee, M. and H. Fekrmandi, A theoretical and experimental investigation on free vibration behavior of a cantilever beam with a breathing crack (2) 175– 186
- Ribeiro, J., see Lopes, H. (5) 835– 844
- Riley, M., M. Smith, J.E. van Aanhold and N. Alin, Loading on a rigid target from close proximity underwater explosions (4) 555– 571
- Rocha, J., A. Suleman and F. Lau, Prediction of turbulent boundary layer induced noise in the cabin of a BWB aircraft (4) 693– 705
- Roldán, A., see Moreno-García, P. (5) 857– 865
- Romo-Melo, L., see Moreno-García, P. (5) 857– 865
- Rongong, J.A., see Spencer, A.B. (5) 1027–1040
- Roveri, N., see Carcaterra, A. (5) 1143–1163
- Rutten, C., see Nguyen, V.H. (5) 795– 801
- Salehian, A. and T.M. Seigler, Dynamic effects of embedded macro-fiber composite actuators on ultra-light flexible structures of repeated pattern- a homogenization approach (1) 85– 104
- Salehian, A., Effects of strain rates on kinetics of elements of repeated pattern structures: A continuous modeling approach (4) 545– 554
- Sall, A.C., F. Thouverez, L. Blanc and P. Jean, Stochastic behaviour of mistuned stator vane sectors: An industrial application (5) 1041–1050
- Schmidt, A., S. Bograd and L. Gaul, Measurement of join patch properties and their integration into finite-element calculations of assembled structures (5) 1125–1133
- Seigler, T.M., see Salehian, A. (1) 85– 104
- Sensoy, S., see Yalciner, H. (5) 891– 902
- Sfahani, M.G., see Barari, A. (6) 1415–1426
- Shahba, A., R. Attarnejad and M. Eslaminia, Derivation of an efficient non-prismatic thin curved beam element using basic displacement functions (2) 187– 204
- Shepard, S., see Zhang, B. (6) 1403–1413
- Shin, K., see Lee, Y.-S. (5) 879– 890
- Shrikhande, M., see Nanda, R.P. (6) 1327–1339
- Silberschmidt, V.V., see Tsigkourakos, G. (4) 573– 584
- Silva Neto, A.J., see Tenenbaum, R.A. (3) 301– 321
- Sims, N.D., see Spencer, A.B. (5) 1027–1040
- Sinclair, A.J., see Martin, J.N. (1) 23– 28
- Singh, B. and B.K. Nanda, Estimation of damping in layered welded structures with unequal thickness (6) 1463–1475
- Sinou, J.-J., see Jaumouillé, V. (6) 1281–1295
- Smith, M., see Riley, M. (4) 555– 571
- Soave, M., see Carrera, E. (4) 619– 634
- Soria, L., B. Peeters, J. Anthonis and H. Van der Auweraer, Operational Modal Analysis and the performance assessment of vehicle suspension systems (5) 1099–1113
- Souza, L.C.G. and R.G. Gonzáles, Application of the state-dependent riccati equation and kalman filter techniques to the design of a satellite control system (5) 939– 946
- Souza, L.C.G., see Mainenti-Lopes, I. (5) 947– 956

- Spencer, A.B., K. Worden, W.J. Staszewski, J.A. Rongong and N.D. Sims, An optimisation scheme based on the local interaction simulation approach and Lamb waves for elastic property estimation in multi-layered composites (5) 1027–1040
- Staszewski, W.J., see Spencer, A.B. (5) 1027–1040
- Steffen, Jr., V., see Palomino, L.A. (5) 811– 823
- Stockham, L.W., R.N. Fry Jr., P.W. Graham and T.H. Pierce, Aerosolization of water ejected from a full container impacted by bomb fragments (4) 669– 677
- Stutz, L.T., see Tenenbaum, R.A. (3) 301– 321
- Suleman, A., see Rocha, J. (4) 693– 705
- Susler, S., H.S. Turkmen and Z. Kazancı, The nonlinear dynamic behaviour of tapered laminated plates subjected to blast loading (6) 1235–1255
- Tanner, G., see Ben Hamdin, H.A.M. (5) 957– 967
- Tehrani, M. and H.R. Eipakchi, Analysis of shearing viscoelastic beam under moving load (3) 447– 458
- Tenenbaum, R.A., K.M. Fernandes, L.T. Stutz and A.J. Silva Neto, Damage identification in bars with a wave propagation approach and a hybrid optimization method (3) 301– 321
- Tennant, D., see Woelke, P. (4) 515– 525
- Theja, B., see Kumar, K.P. (1) 29– 39
- Thouverez, F., see Sall, A.C. (5) 1041–1050
- Tikani, R., N. Vahdati and S. Ziaei-Rad, Two-mode operation engine mount design for automotive applications (6) 1267–1280
- Torres-Arredondo, M.A. and C.-P. Fritzen, Characterization and classification of modes in acoustic emission based on dispersion features and energy distribution analysis (5) 825– 833
- Tsigkourakos, G., V.V. Silberschmidt and I.A. Ashcroft, Damage analysis of CFRP under impact fatigue (4) 573– 584
- Tsuruta, K.M., see Palomino, L.A. (5) 811– 823
- Turkmen, H.S., see Susler, S. (6) 1235–1255
- Uzzal, R.U.A., R.B. Bhat and W. Ahmed, Dynamic response of a beam subjected to moving load and moving mass supported by Pasternak foundation (2) 205– 220
- Vahdati, N., see Tikani, R. (6) 1267–1280
- van Aanhold, J.E., see Riley, M. (4) 555– 571
- Van der Auweraer, H., see Soria, L. (5) 1099–1113
- Vaseghi, F., see Ganji, H.D. (4) 609– 617
- Voyiadjis, G.Z., see Woelke, P. (3) 459– 475
- Vuye, C., see Deckers, K. (3) 421– 431
- Wang, C.M., see Bhardwaj, N. (3) 273– 285
- Wang, J.D., D. Zhou and W.Q. Liu, Sloshing of liquid in rigid cylindrical container with a rigid annular baffle. Part I: Free vibration (6) 1185–1203
- Wang, J.D., D. Zhou and W.Q. Liu, Sloshing of liquid in rigid cylindrical container with a rigid annular baffle. Part II: Lateral excitation (6) 1205–1222
- Wang, Y., see Luo, H. (6) 1297–1314
- Weathers, J.B. and R. Luck, Time-varying uncertainty in shock and vibration applications using the impulse response (3) 433– 446
- Weber, H.I., see Aguiar, R.R. (6) 1359–1372
- Woelke, P., K.-K. Chan, R. Daddazio and N. Abboud, Stress resultant based elasto-viscoplastic thick shell model (3) 477– 492
- Woelke, P., K.-K. Chan, R. Daddazio, N. Abboud and G.Z. Voyiadjis, Analysis of shear flexible layered isotropic and composite shells by ‘EPSA’ (3) 459– 475

- Waelke, P., N. Abboud, D. Tennant, E. Hansen and C. McArthur, Ship impact study: Analytical approaches and finite element modeling (4) 515– 525
- Worden, K., see Spencer, A.B. (5) 1027–1040
- Wu, J.S. and J.H. Chen, An efficient approach for determining forced vibration response amplitudes of a MDOF system with various attachments (1) 61– 83
- Xiang, L., S. Yang and C. Gan, Torsional vibration of a shafting system under electrical disturbances (6) 1223–1233
- Xiao, L., see Liu, S. (4) 493– 504
- Xu, L. and X. Zhu, Natural frequencies and vibrating modes for a magnetic planetary gear drive (6) 1385–1401
- Yalciner, H., S. Sensoy and O. Eren, Effect of corrosion damage on the performance level of a 25-year-old reinforced concrete building (5) 891– 902
- Yan, L., see Liu, Q. (6) 1445–1461
- Yan, Z., see Liu, X. (4) 585– 596
- Yang, J., see Cao, Y. (4) 753– 761
- Yang, S., see Xiang, L. (6) 1223–1233
- Ye, W., see Liu, S. (4) 493– 504
- Yesilce, Y., Free and forced vibrations of an axially-loaded Timoshenko multi-span beam carrying a number of various concentrated elements (4) 735– 752
- Yu, A.M. and Y. Hao, Improved Riccati transfer matrix method for free vibration of non-cylindrical helical springs including warping (6) 1167–1180
- Zaniewski, I., Recoil and vibration in an archery bow equipped with a multi-rod stabilizer (2) 235– 250
- Zhang, B. and S. Shepard, Dynamic responses of supported beams with intermediate supports under moving loads (6) 1403–1413
- Zhang, C., see Zou, L.H. (3) 391– 403
- Zhang, H., see Li, X. (3) 365– 378
- Zhang, J., see Liu, Q. (6) 1445–1461
- Zhang, P.-L., B. Li, S.-S. Mi, Y.-T. Zhang and D.-S. Liu, Bearing fault detection using multi-scale fractal dimensions based on morphological covers (6) 1373–1383
- Zhang, X.-J., M. Ahmadian and K.-H. Guo, On the benefits of semi-active suspensions with inerters (3) 257– 272
- Zhang, Y.-T., see Zhang, p.-L. (6) 1373–1383
- Zhang, Z., F. Hu, Z. Li and H. Hua, Modeling and control of the vibration of two beams coupled with fluid and active links (4) 653– 668
- Zheng, H., see Cao, Y. (4) 753– 761
- Zhou, D. and T. Ji, Free vibration of rectangular plates with attached discrete sprung masses (1) 105– 122
- Zhou, D., see Wang, J.D. (6) 1185–1203
- Zhou, D., see Wang, J.D. (6) 1205–1222
- Zhu, X., see Xu, L. (6) 1385–1401
- Ziaei-Rad, S., see Tikani, R. (6) 1267–1280
- Zibdeh, H.S., see Abu-Mallouh, R. (3) 333– 347
- Zimroz, R., see Chaari, F. (4) 635– 652
- Zou, L.H., A.P. Liu, X. Ma, C. Zhang and K. Huang, Synthesis of vibration waves based on wavelet technology (3) 391– 403