

SHOCK AND VIBRATION

Author Index • Volume 2 • 1995

- Abdel-Ghaffar, A. M., see Ali, H.-E. M.
Adley, M. D., see Moxley, R. E.
Akbay, Z., and Aktan, H. M.: Abating Earthquake Effects on Buildings by Active Slip Brace Devices, 133
Aktan, H. M., see Akbay, Z.
Ali, H.-E. M., and Abdel-Ghaffar, A. M.: Seismic Passive Control of Cable-Stayed Bridges, 259
Alizadeh, Y., see Mirza, S.
Allan, A. P., and Townsend, M. A.: Motions of a Constrained Spherical Pendulum in an Arbitrarily Moving Reference Frame: The Automobile Seatbelt Inertial Sensor, 227
Alsop, S., Matchett, A. J., and Coulthard, J. M.: Experimental Investigation of Effects of Vibration upon Elastic and Cohesive Properties of Beds of Wet Sand, 383

Balandin, D. V.: Limiting Vibroisolation Control of an Oscillating String on a Moving Base, 163
Bao, Y., see Tzou, H. S.
Bapat, C. N.: Review of Vibrations of Shells and Plates, 191
Bar-Avi, P.: Review of Water Waves: The Mathematical Theory with Application, 97
Baruch, M., see Elishakoff, I.
Baz, A., and Ro, J.: Performance Characteristics of Active Constrained Layer Damping, 33
Baz, A.: Continuous Sliding Mode Control of Flow-Induced Vibrations, 365
Belytschko, T., see Lee, S.-H.
Benaroya, H., see Mester, S. S.
Bennett, J. A., and Park, G. J.: Automotive Occupant Dynamics Optimization, 471
Bert, C. W., see Malik, M.
Bert, C. W.: Review of Intelligent Structural Systems, 427
Bhat, R. B., see Lie, Y.
Bhujanga Rao, V.: Selection of a Suitable Wall Pressure Spectrum Model for Estimating Flow-Induced Noise in Sonar Applications, 403

Cai, Y., and Chen, S. S.: Numerical Analysis for Dynamic Instability of Electrodynamic Maglev Systems, 339
Caimi, R., see Elishakoff, I.
Chen, S. S., see Cai, Y.
Chin, C., see Nayfeh, A. H.
Choi, B., see Lin, Y. J.
Chu, C.-L., and Lin, Y.-H.: Finite Element Analysis of Fluid-Conveying Timoshenko Pipes, 247
Constantinou, M. C., see Taylor, D. P.
Coulthard, J. M., see Alsop, S.

Elishakoff, I., Baruch, M., Zhu, L., and Caimi, R.: Random Vibration of Space Shuttle Weather Protection Systems, 111
Engelbrecht, J.: Waves, Solids, and Nonlinearities, 173

Ferney, G. D., and Folkman, S. L.: Development of a Method for Characterizing Joint Stiffness, Deadband, and Hysteresis, 289
Fitz-Coy, N.: Analysis of Multiaxis Vibration Simulators, 461
Folkman, S. L., see Ferney, G. D.

Gaberson, H. A.: Application of Choi-Williams Reduced Interference Time Frequency Distribution to Machinery Diagnostics, 437
Ge, T., and Leung, A. Y. T.: A Toeplitz Jacobian Matrix/Fast Fourier Transformation Method for Steady-State Analysis of Discontinuous Oscillators, 205
Ge, T., see Leung, A. Y. T.

Hamidzadeh, H. R., and Sawaya, N. N.: Free Vibration of Thick Multilayer Cylinders, 393
Huang, H., and Kiddy, K. C.: Transient Interaction of a Spherical Shell with an Underwater Explosion Shock Wave and Subsequent Pulsating Bubble, 451

Imregun, M.: Three Case Studies in Finite Element Model Updating, 119

Kiddy, K. C., see Huang, H.
Kitis, L., see Pilkey, W. D.
Korytkowski, J., and Wincenciak, S.: Effective Method for Analysis of Electrothermally Coupled Fields, 219

Lee, J.: An Analytical Study of Self-Compensating Dynamic Balancer with Damping Fluid and Ball, 59
Lee, S.-H., Belytschko, T.: H-Adaptive Methods for Nonlinear Dynamic Analysis of Shell Structures, 193
Lee, T., see Lin, Y. J.
Leung, A. Y. T., and Ge, T.: An Algorithm for Higher Order Hopf Normal Forms, 307
Leung, A. Y. T., see Ge, T.
Leung, A. Y. T., see Mao, S. G.
Leuridan, J., see Vold, H.
Li, Y.-O., see Yang, K. H.
Lie, Y., and Bhat, R. B.: Coupled Dynamics of a Rotor-Journal Bearing System Equipped with Thrust Bearings, 1
Lin, Y. J., Lu, Y., Lee, T., and Choi, B.: Modeling and Fuzzy Logic Control of an Active Reaction Compensating Platform System, 493
Lin, Y.-H., see Chu, C.-L.
Lu, Y., see Lin, Y. J.

Malik, M., and Bert, C. W.: Differential Quadrature Analysis of Free Vibration of Symmetric Cross-Ply Laminates with Shear Deformation and Rotatory Inertia, 321
Mao, S. G., and Leung, A. Y. T.: Symplectic Integration and Nonlinear Dynamic Symmetry Breaking of Frames, 481
Marcelin, J.-L., Shakhesi, S., and Pourroy, F.: Optimal Constrained Layer Damping of Beams: Experimental and Numerical Studies, 445
Maslen, E. H.: Positive Real Zeros in Flexible Beams, 429
Matchett, A. J., see Alsop, S.
Matsuda, K.-I., see Okada, Y.
Meeker, D. C., and Townsend, M. A.: Motions of a Powered Top with a Spherical Tip on a Curved Surface, 23
Mester, S. S., and Benaroya, H.: Periodic and Near-Periodic Structures, 69
Mirza, S., and Alizadeh, Y.: Free Vibration of Partially Supported Cylindrical Shells, 297

- Mook, D. T., see Nayfeh, A. H.
- Moxley, R. E., Adley, M. D., and Rohani, B.: Impact of Thin-Walled Projectiles with Concrete Targets, 355
- Nayfeh, A. H., Chin, C., and Mook, D. T.: Parametrically Excited Nonlinear Two-Degree-of-Freedom Systems with Repeated Natural Frequencies, 43
- Nusholtz, G., Wang, D., and Wylie, E. B.: Air Bag Momentum Force Including Aspiration, 99
- Okada, Y., Matsuda, K.-I., and Tani, J.: Active Vibration Control of a Thin Steel Sheet, 15
- Park, G. J., see Bennett, J. A.
- Pilkey, W. D., and Kitis, L.: Dynamic Stiffness Matrix for a Beam Element with Shear Deformation, 155
- Pourroy, F., see Marcellin, J.-L.
- Ro, J., see Baz, A.
- Rohani, B., see Moxley, R. E.
- Sawaya, N. N., see Hamidzadeh, H. R.
- Schonberg, W. P.: Debris Cloud Material Characterization for Hypervelocity Impacts of Single- and Multimaterial Projectiles on Thin Target Plates, 273
- Shakhesi, S., see Marcellin, J.-L.
- Steele, C. R., Tolomeo, J. A., and Zetes, D. E.: Dynamic Analysis of Shells, 413
- Sun, D., see Yang, K. H.
- Tani, J., see Okada, Y.
- Taylor, D. P., and Constantinou, M. C.: Testing Procedures for High Output Fluid Viscous Dampers Used in Building and Bridge Structures to Dissipate Seismic Energy, 373
- Tolomeo, J. A., see Steele, C. R.
- Townsend, M. A., see Allan, A. P.
- Townsend, M. A., see Meeker, D. C.
- Tzou, H. S., and Bao, Y.: Dynamics and Control of Adaptive Shells with Curvature Transformations, 143
- Vold, H., and Leuridan, J.: High Resolution Order Tracking at Extreme Slew Rates Using Kalman Tracking Filters, 507
- Wang, D., see Nusholtz, G.
- Wincenciak, S., see Korytkowski, J.
- Woo, L. W.: Review of Introduction to Finite and Boundary Element Methods for Engineers, 351
- Wylie, E. B.; see Nusholtz, G.
- Yang, K. H., Li, Y.-O., and Sun, D.: Computer Simulations of Contact Forces for Airbags with Different Folding Patterns During Deployment Phase, 237
- Zetes, D. E., see Steele, C. R.
- Zhu, L., see Elishakoff, I.
- Zukas, J. A.: Review of Automatic Mesh Generation, 517
- Zukas, J. A.: Review of Structures Under Shock and Impact III, 257