

INDEX TO VOLUME 215

AGARWAL, A. See ANANTHKRISHNAN, N. (letter)	(1)183
ANANTHKRISHNAN, N., SUDHAKAR, K., SUDERSHAN, S. and AGARWAL, A., Application of secondary bifurcations to large-amplitude limit cycles in mechanical systems (letter)	(1)183
ANSARI, A. H. See GUPTA, U. S.	(2)231
ANTUNES, J. See DE ARAÚJO, M.	(5)1015
ANTUNES, J., PAULINO, M. and PITEAU, P., Remote identification of impact forces on loosely supported tubes: Part 2—Complex vibro-impact motions	(5)1043
AVALOS, D. R. See LARRONDO, H. A. (letter)	(5)1195
BAMBILL, D. V. See LAURA, P. A. A. (letter)	(5)1181
BAMBILL, D. V., ROSSI, R. E., LAURA, P. A. A. and ROSSIT, C. A., Vibrations of orthotropic, rectangular plates of non-uniform thickness and two adjacent free edges (letter)	(1)189
BAO, C. and PAN, J., Active acoustic control of noise transmission through double walls: effect of mechanical paths (letter)	(2)395
BASDOGAN, I. See ROYSTON, T. J.	(5)997
BATRA, R. C. See KRISHNASWAMY, S and BATRA, R. C. (letter)	(3)577
BATRA, R. C. See KRISHNASWAMY, S and BATRA, R. C. (letter)	(3)577
BERDICHEVSKY, V. L. See VOLOVOI, V. V.	(5)1101
BLÜTHNER, R. See HINZ, B.	(4)977
BLÜTHNER, R. See SEIDEL, H.	(4)723
BOILEAU, P.-É., WU, X. and RAKHEJA, S., Definition of a range of idealized values to characterize seated body biodynamic response under vertical vibration	(4)841
BOVENZI, M. and HULSHOF, C. T. J., An updated review of epidemiologic studies on the relationship between exposure to whole-body vibration and low back pain	(4)595
BOVENZI, M. See GRIFFIN, M. J.	(4)593
BOVENZI, M. See MAGNUSSON, M. L.	(4)643
BRANCHER, J.-P. See GENEVAUX, J.-M.	(2)331
BUCK, B. See PANKOKE, S.	(4)827
CASTILHO, A., JACQUET-RICHARDET, G. and LALANNE, M., Dynamic problems concerning the speed of rotation increase of a turbine-blower assembly	(1)47
CHAI, X.-J. See GENEVAUX, J.-M.	(2)331
CHANG, S. H. See HUANG, C. S.	(3)407
CHAO, C.-P. and SHAW, S. W., The effects of imperfections on the performance of the subharmonic vibration absorber system	(5)1065
CHEN, J.-S., Vibration and sensitivity analysis of a spinning disk under tangential edge loads	(1)1
CHEN, L.-W. and SHEN, G.-S., Vibration and buckling of initially stressed curved beams	(3)511
CHENG, D. L. See XU, M. T.	(3)475
CHENG, L. See LIN, Y.	(5)1121
CHEW, Y. T. See LUO, S. C. (letter)	(5)1183
CHONDROS, T. G., DIMAROGONAS, A. D. and YAO, J., A continuous cracked beam vibration theory	(1)17
COGGON, D. See PALMER, K.	(4)653
DE ARAÚJO, M., ANTUNES, J. and PITEAU, P., Remote identification of impact forces on loosely supported tubes: Part 1—Basic theory and experiments	(5)1015
DIMAROGONAS, A. D. See CHONDROS, T. G.	(1)17
DOMONT, A. See EL-KHATIB, A.	(4)763
DONATI, P., A procedure for developing a vibration test method for specific categories of industrial trucks	(4)947
DONE, G. T. S. See NARKIEWICZ, J. P.	(2)211
DUNNE, J. F. See GHANBARI, M.	(2)343

DUPONT, P. See KASTURI, P.	(3)499
DUPUIS, H. See SCHWARZE, S.	(4)613
EL-KHATIB, A., GUILLOU, F. and DOMONT, A., Vertical vibration transmission through the lumbar spine of the seated subject—first results	(4)763
FENG, Q. and PFEIFFER, F., Stochastic model on a rattling system	(3)439
FOALE, S., THOMPSON, J. M. T., and McROBIE, F. A., Numerical dimension-reduction methods for non-linear shell vibrations	(3)527
GAUTIER, F. and TAHANI, N., Vibroacoustics of cylindrical pipes: internal radiation modal coupling	(5)1165
GENEVAUX, J.-M., BRANCHER, J.-P. and CHAI, X.-J., Gravity effects on the coupled frequencies of a 2D fluid–structure problem with a free surface	(2)331
GHANBARI, M. and DUNNE, J. F., An experimentally verified non-linear damping model for large amplitude random vibration of a clamped-clamped beam	(2)343
GODOY L. A. and DE SOUZA, V. C. M., Vibrations of shallow shells due to removal of formwork	(3)425
GRiffin, M. J. and BOVENZI, M., International Conference on Whole-body Vibration Injuries, 15–17 September 1997: Foreword	(4)593
GRiffin, M. J. See LEWIS, C. H.	(4)915
GRiffin, M. J. See MANSFIELD, N. J.	(4)813
GRiffin, M. J. See MATSUMOTO, Y.	(4)743
GRiffin, M. J. See PADdan, G. S.	(4)863
GRiffin, M. J. See WU, X.	(4)989
GRiffin, M. J., A comparison of standardized methods for predicting the hazards of whole-body vibration and repeated shocks	(4)883
GRiffin, M. See PALMER, K.	(4)653
GRzesik, J. See HARAZIN, B.	(4)775
GU, X. T. See ZHANG, Z. M.	(3)399
GUILLON, F. See EL-KHATIB, A.	(4)763
GUPTA, U. S. and ANSARI, A. H., Asymmetric vibrations and elastic stability of polar orthotropic circular plates of linearly varying profile	(2)231
HAN, J.-B. See LIEW, K. M. (letter)	(5)1182
HANSEN, C. H. See QIU, X.	(1)81
HANSEN, C. H. See TSO, Y. K.	(1)63
HARAZIN, B. and GRzesik, J., The transmission of vertical whole-body vibration to the body segments of standing subjects	(4)775
HARTUNG, E. See SCHWARZE, S.	(4)613
HEYDT, R., KORNBLUH, R., PELRINE, R. and MASON, V., Design and performance of an electrostrictive-polymer-film acoustic actuator	(2)297
HINZ, B. See SEIDEL, H.	(4)723
HINZ, B., MENZEL, G., BLÜTHNER, R. and SEIDEL, H., Laboratory testing of operator seat vibration with 37 subjects—critical comment on ISO/DIS 7096	(4)977
HODGES, D. H. See VOLVOVI, V. V.	(5)1101
HOLMLUND, P. and LUNDSTRÖM, R., Mechanical impedance of the human body in the horizontal direction	(4)801
HOLMLUND, P. See LUNDSTRÖM, R.	(4)789
HSU, L.-H. See WU, S.-W.	(3)489
HUANG, C. S., TSENG, Y. P. and CHANG, S. H., Out-of-plane dynamic responses of non-circular curved beams by numerical Laplace transform	(3)407
HUANG, T. P. See LIN, Y.	(5)1121
HULSHOF, C. T. J. See BOVENZI, M.	(4)595
HULSHOF, C. T. J. See MAGNUSSON, M. L.	(4)643
HUSEYIN, K. See SENSOY, S.	(1)35
JACQUET-RICHARDET, G. See CASTILHO, A.	(1)47
JENSEN, J. S., Non-linear dynamics of the follower-loaded double pendulum with added support-excitation	(1)125
JEONG, K.-H., Natural frequencies and mode shapes of two coaxial cylindrical shells coupled with bounded fluid	(1)105

JOHANNING, E., Back disorder intervention strategies for mass transit operators exposed to whole-body vibration—comparison of two transit system approaches and practices	(4)629
KASTURI, P. and DUPONT, P., Constrained optimal control of vibration dampers	(3)499
KITAHARA, T. See NISHIYAMA, K.	(4)635
KORNBLUH, R. See HEYDT, R.	(2)297
KOT, C. A. See SRINIVASAN, M. G. (letter)	(3)587
KRISHNASWAMY, S and BATRA, R. C., On extensional vibration modes of elastic rods of finite length which include the effect of lateral deformation (letter)	(3)577
LALANNE, M. See CASTILHO, A.	(1)47
LAMANCUSA, J. S. See WODTKE, H.-W.	(5)1145
LARRONDO, H. A., AVALOS, D. R. and LAURA, P. A. A., Transverse vibrations of simply supported anisotropic rectangular plates carrying an elastically mounted concentrated mass (letter)	(5)1195
LAURA, P. A. A. and BAMBILL, D. V., Comments on “Vibration analysis of circular Mindlin plates using the differential quadrature method” (letter)	(5)1181
LAURA, P. A. A. and ROMANELLI, E., Fundamental frequency of transverse vibration of a circular annular plate of rectangular orthotropy with an intermediate circular support (letter)	(2)390
LAURA, P. A. A. See BAMBILL, D. V. (letter)	(1)189
LAURA, P. A. A. See LARRONDO, H. A. (letter)	(5)1195
LEE, T. S. See LUO, S. C. (letter)	(5)1183
LEWIS, C. H. and GRIFFIN, M. J., A comparison of evaluations and assessments obtained using alternative standards for predicting the hazards of whole-body vibration and repeated shocks	(4)915
LI, J. F. See XU, M. T.	(3)475
LI, X. See QIU, X.	(1)81
LIAN, S.-H. See WU, S.-W.	(3)489
LIAPIS, S. I. See MYSORE, G. V.	(2)251
LIEW, K. M., HAN, J.-B. and XIAO, Z. M., Authors’ reply (letter)	(5)1182
LIN, Y., CHENG, L. and HUANG, T. P., Optimal design of complex flexible rotor-support systems using minimum strain energy under multi-constraint conditions	(5)1121
LOW, K. H., On the eigenfrequencies for mass loaded beams under classical boundary conditions (letter)	(2)381
LUNDSTRÖM, R. and HOLMLUND, P., Absorption of energy during whole-body vibration exposure	(4)789
LUNDSTRÖM, R. See HOLMLUND, P.	(4)801
LUO, S. C., CHEW, Y. T., LEE, T. S. and YAZDANI, M. G., Stability to translational galloping vibration of cylinders at different mean angles of attack (letter)	(5)1183
MACCARI, A., A model system for the behavior of two non-linearly coupled oscillators	(2)313
MAEDA, S. and MORIOKA, M., Measurement of whole-body vibration exposure from garbage trucks	(4)959
MAGNUSSON, M. L. and POPE, M. H., A review of the biomechanics and epidemiology of working postures (It isn’t always vibration which is to blame!)	(4)965
MAGNUSSON, M. L., POPE, M. H., HULSHOF, C. T. J. and BOVENZI, M., Development of a protocol for epidemiological studies of whole-body vibration and musculoskeletal disorders of the lower back	(4)643
MAGNUSSON, M. See POPE, M. H.	(4)687
MALHOTRA, S. K. See SURESH, R.	(2)201
MANSFIELD, N. J. and GRIFFIN, M. J., Effect of magnitude of vertical whole-body vibration on absorbed power for the seated human body	(4)813
MASON, V. See HEYDT, R.	(2)297
MATSUMOTO, Y. and GRIFFIN, M. J., Movement of the upper-body of seated subjects exposed to vertical whole-body vibration at the principal resonance frequency	(4)743
MCROBIE, F. A. See FOALE, S.	(3)527
MENZEL, G. See HINZ, B.	(4)977
MORIOKA, M. See MAEDA, S.	(4)959

- MYSORE, G. V., LIAPIS, S. I. and PLAUT, R. H., Dynamic analysis of single-anchor inflatable dams (2)251
- NARKIEWICZ, J. P. and DONE, G. T. S., A smart internal vibration suppressor for a helicopter blade—a feasibility study (2)211
- NASER, A. S. See PAI, P. F. (2)273
- NISHIYAMA, K., TAODA, K. and KITAHARA, T., A decade of improvement in whole-body vibration and low back pain for freight-container tractor drivers (4)635
- NOTBOHM, G. See SCHWARZE, S. (4)613
- ÖZ, H. R., PAKDEMİRİL, M. and ÖZKAYA, E., Transition behaviour from string to beam for an axially accelerating material (letter) (3)571
- ÖZKAYA, E. See ÖZ, H. R. (letter) (3)571
- PADDAN, G. S. and GRIFFIN, M. J., A review of the transmission of translational seat vibration to the head (4)863
- PAI, P. F., WEN, B., NASER, A. S. and SCHULZ, M. J., Structural vibration control using PZT patches and non-linear phenomena (2)273
- PAKDEMİRİL, M. See ÖZ, H. R. (letter) (3)571
- PALMER, K., COGGON, D., PANNETT, B. and GRIFFIN, M., The development of a self-administered questionnaire to assess exposures to hand-transmitted and whole-body vibration and their health effects (4)653
- PAN, J. See BAO, C. (letter) (2)395
- PANKOKE, S., BUCK, B. and WOELFEL, H. P., Dynamic FE model of sitting man adjustable to body height, body mass and posture, used for calculating internal forces in the lumbar vertebral disks (4)827
- PANNETT, B. See PALMER, K. (4)653
- PAULINO, M. See ANTUNES, J. (5)1043
- PELRINE, R. See HEYDT, R. (2)297
- PFEIFFER, F. See FENG, Q. (3)439
- PITEAU, P. See ANTUNES, J. (5)1043
- PITEAU, P. See DE ARAÚJO, M. (5)1015
- PLAUT, R. H. See MYSORE, G. V. (2)251
- POPE, M. H. See MAGNUSSON, M. L. (4)643
- POPE, M. H. See MAGNUSSON, M. L. (4)965
- POPE, M. H., WILDER, D. G. and MAGNUSSON, M., Possible mechanisms of low back pain due to whole-body vibration (4)687
- QIU, X., HANSEN, C. H. and LI, X., A comparison of near-field acoustic error sensing strategies for the active control of harmonic free field sound radiation (1)81
- RAKHEJA, S. See BOILEAU, P.-É. (4)841
- RIEDEL, C. H. and TAN, C. A., Dynamic characteristics and mode localization of elastically constrained axially moving strings and beams (3)455
- ROMANELLI, E. See LAURA, P. A. A. (letter) (2)390
- ROSSI, R. E. See BAMBILL, D. V. (letter) (1)189
- ROSSIT, C. A. See BAMBILL, D. V. (letter) (1)189
- ROYSTON, T. J. and BASDOGAN, I., Vibration transmission through self-aligning (spherical) rolling element bearings: theory and experiment (5)997
- SANDOVER, J., High acceleration events: an introduction and review of expert opinion (4)927
- SANDOVER, J., The fatigue approach to vibration and health: is it a practical and viable way of predicting the effects on people? (4)699
- SCHULZ, M. J. See PAI, P. F. (2)273
- SCHUST, M. See SEIDEL, H. (4)723
- SCHWARZE, S., NOTBOHM, G., DUPUIS, H. and HARTUNG, E., Dose-response relationships between whole-body vibration and lumbar disk disease—a field study on 388 drivers of different vehicles (4)613
- SEIDEL, H. See HINZ, B. (4)977
- SEIDEL, H., BLÜTHNER, R., HINZ, B. and SCHUST, M., On the health risk of the lumbar spine due to whole-body vibration—theoretical approach, experimental data and evaluation of whole-body vibration (4)723

SENSOY, S. and HUSEYIN, K., On the application of IHB technique to the analysis of non-linear oscillations and bifurcations	(1)35
SHAW, S. W. See CHAO, C.-P.	(5)1065
SHEN, G.-S. See CHEN, L.-W.	(3)511
DE SOUZA, V. C. M. See GODOY L. A.	(3)425
SRINIVASAN, M. G. and KOT, C. A., Damage index algorithm for a circular cylindrical shell (letter)	(3)587
SUDERSHAN, S. See ANANTHKRISHNAN, N. (letter)	(1)183
SUDHAKAR, K. See ANANTHKRISHNAN, N. (letter)	(1)183
SURESH, R. and MALHOTRA, S. K., Vibration and damping analysis of thin-walled box beams	(2)201
SUTYRIN, V. G. See VOLOVOI, V. V.	(5)1101
TAHANI, N. See GAUTIER, F.	(5)1165
TAN, C. A. See RIEDEL, C. H.	(3)455
TAODA, K. See NISHIYAMA, K.	(4)635
THOMPSON, J. M. T. See FOALE, S.	(3)527
TSENG, Y. P. See HUANG, C. S.	(3)407
TSO, Y. K. and HANSEN, C. H., The transmission of vibration through a coupled periodic structure	(1)63
VOLOVOI, V. V., HODGES, D. H., BERDICHEVSKY, V. L. and SUTYRIN, V. G., Dynamic dispersion curves for non-homogeneous, anisotropic beams with cross-sections of arbitrary geometry	(5)1101
WANG, C. Y., On the polygonal membrane with a circular core (letter)	(1)195
WANG, D. See WANG, Z.	(5)1135
WANG, R. T., Vibration of a T-type curved frame due to a moving force	(1)143
WANG, Z. and WANG, D., Method of judging the self-excited vibration of rolling main drive system in rolling slippage	(5)1135
WEN, B. See PAI, P. F.	(2)273
WILDER, D. G. See POPE, M. H.	(4)687
WODTKE, H.-W. and LAMANCUSA, J. S., Sound power minimization of circular plates through damping layer placement	(5)1145
WOELFEL, H. P. See PANKOKE, S.	(4)827
WOODHOUSE, J., Linear damping models for structural vibration	(3)547
WU, S.-W., LIAN, S.-H. and HSU, L.-H., A finite element model for acoustic radiation	(3)489
WU, X. and GRIFFIN, M. J., The influence of end-stop buffer characteristics on the severity of suspension seat end-stop impacts	(4)989
WU, X. See BOILEAU, P.-É.	(4)841
XIAO, Z. M. See LIEW, K. M. (letter)	(5)1182
XU, M. T., LI, J. F. and CHENG, D. L., Non-linear vibration by a new method	(3)475
YAO, J. See CHONDROS, T. G.	(1)17
YAZDANI, M. G. See LUO, S. C. (letter)	(5)1183
YIGIT, A. S. and CHRISTOFOROU, A. P., Coupled torsional and bending vibrations of drillstrings subject to impact with friction	(1)167
ZHANG, Z. M. and GU, X. T., The theoretical and application study on a double layer microperforated sound absorption structure	(3)399