

## INDEX TO VOLUME 230

ABRAMS, R. M., PETERS, A. J. M., HUANG, X., WASSERMAN, D. E. and GERHARDT, K. J., Response of the uterus to abdominal vibrations in sheep (letter) . . . . .	(3)725
AGLIETTI, G. S. See CUNNINGHAM, P. R. . . . .	(3)617
ALVAREZ, O., See LA MALFA, S. (letter) . . . . .	(3)721
BAEK, K. H. and ELLIOTT, S. J., The effects of plant and disturbance uncertainties in active control systems on the placement of transducers . . . . .	(2)261
BAHAI, H. See ESAT, I. I. . . . .	(4)933
BAUER, H. F. and KOMATSU, K., Coupled frequencies of a frictionless liquid in a circular cylindrical tank with an elastic partial surface cover . . . . .	(5)1147
BERGMAN, L. A. See MA, X. (letter). . . . .	(5)1177
BERT, C. W. See MALIK, M. (letter). . . . .	(4)949
BRENTNER, K. S. See SINGER, B. A.. . . . .	(3)541
CAI, C. See LIU, G. R. . . . .	(4)809
CANDEL, S. See METTENLEITER, M.. . . . .	(4)761
CHAO, C. C. See CHERN, Y.-C. . . . .	(5)1009
CHAO, C. C. and CHERN, Y.-C., Comparison of natural frequencies of laminates by 3-D theory, part I: Rectangular plates . . . . .	(5)985
CHEN, C. C., KITIPORNCHAI, S., LIM, C. W. and LIEW, K. M., Free vibration of symmetrically laminated thick-perforated plates. . . . .	(1)111
CHEN, C.-N., Dynamic equilibrium equations of non-prismatic beams defined on an arbitrarily selected co-ordinate system. . . . .	(2)241
CHEN, J. T., HUANG, C. X. and WONG, F. C., Determination of spurious eigenvalues and multiplicities of true eigenvalues in the dual multiple reciprocity method using the singular-value decomposition technique . . . . .	(2)203
CHERN, Y.-C. See CHAO, C. C. . . . .	(5)985
CHERN, Y.-C. and CHAO, C. C., Comparison of natural frequencies of laminates by 3-D theory, part II: Curved panels . . . . .	(5)1009
CHUNG, W. K., See PARK, S. . . . .	(3)591
CUNNINGHAM, P. R., WHITE, R. G. and AGLIETTI, G. S., The effects of various design parameters on the free vibration of doubly curved composite sandwich panels . . . . .	(3)617
DATTA, B. N., ELHAY, S., RAM, Y. M. and SARKISSIAN, D. R., Partial eigenstructure assignment for the quadratic pencil . . . . .	(1)101
DAVIES, P. O. A. L. See HOLLAND, K. R.. . . . .	(4)915
DAWSON, S. and FITZPATRICK, J. A., Measurement and analysis of thermoacoustic oscillations in a simple dump combustor . . . . .	(3)649
DENG, M.-X., Generation of cumulative sum frequency and difference frequency acoustic waves in a two-dimensional hard-walled waveguide . . . . .	(3)507
DING, H.-J. and XU, R.-Q., Free axisymmetric vibration of laminated transversely isotropic annular plates . . . . .	(5)1031
EL-MAHDY, T. H. and GADELRAH, R. M., Free vibration of unidirectional fiber reinforcement composite rotor (letter) . . . . .	(1)195
ELHAY, S. See DATTA, B. N. . . . .	(1)101
ELHAY, S. See RAM, Y. M.. . . . .	(2)309
ELLINGSON, W. A. See ROYSTON, T. J. . . . .	(4)791
ELLIOTT, S. J. See BAEK, K. H. . . . .	(2)261
ESAT, I. I. and BAHAI, H., Vibratory system synthesis for multi-body systems based on genetic algorithm . . . . .	(4)933
FARASSAT, F., The integration of $\delta'(f)$ in a multi-dimensional space (letter) . . . . .	(2)460
FÉLIX, D. See GUTIÉRREZ, R. H. (letter) . . . . .	(5)1191

FIELD JR, R. V. See SEGALMAN, D. J. . . . .	2(393)
FILIPICH, C. P. and ROSALES, M. B., Arbitrary precision frequencies of a free rectangular thin plate	(3)521
FITZPATRICK, J. A. See DAWSON, S. . . . .	(3)649
FULCHER, C. W. G. See SEGALMAN, D. J. . . . .	2(393)
GADELRAH, R. M. See EL-MAHDY, T. H. (letter) . . . . .	(1)195
GALLAND, M. A. See LACOUR, O. . . . .	(1)69
GE, Z.-M. and LIN, T.-N., Regular and chaotic dynamic analysis and control of chaos of an elliptical pendulum on a vibrating basement . . . . .	(5)1045
GERHARDT, K. J. See ABRAMS, R. M. . . . .	(3)725
GORMAN, D. G., REESE, J. M. and ZHANG, Y. L., Vibration of a flexible pipe conveying viscous pulsating fluid flow . . . . .	(2)379
GOTTLIEB, H. P. W., Velocity-dependent conservative nonlinear oscillators with exact harmonic solutions . . . . .	(2)323
GRICE, R. M. and PINNINGTON, R. J., A method for the vibration analysis of built-up structures, Part II: Analysis of the plate-stiffened beam using a combination of finite element analysis and analytical impedances. . . . .	(4)851
GRICE, R. M. and PINNINGTON, R. J., A method for the vibration analysis of built-up structures, Part I: Introduction and analytical analysis of the plate-stiffened beam . . . . .	(4)825
GÜRGÖZE, M. and İNCEOĞLU, S., On the vibrations of an axially vibrating elastic rod with distributed mass added in-span (letter) . . . . .	(1)187
GÜRGÖZE, M., Receptance matrices of viscously damped systems subject to several constraint equations (letter) . . . . .	(5)1185
GUTIÉRREZ, R. H. See LAURA, P. A. A. (letter) . . . . .	(2)447
GUTIÉRREZ, R. H., LAURA, P. A. A., FÉLIX, D. and PISTONESI, C., Fundamental frequency of transverse vibration of circular, annular plates of polar orthotropy (letter) . . . . .	(5)1191
HAILE, E. See METTENLEITER, M. . . . .	(4)761
HALKYARD, C. R. See MACE, B. R. . . . .	(3)561
HAN, S.-B. See KWAK, M. K. . . . .	(1)171
HILLSTRÖM, L., MOSSBERG, M. and LUNDBERG, B., Identification of complex modulus from measured strains on an axially impacted bar using least squares. . . . .	(3)689
HOLLAND, K. R. and DAVIES, P. O. A. L., The measurement of sound power flux in flow ducts	(4)915
HOLMLUND, P. See MANSFIELD, N. J. . . . .	(3)477
HONGISTO, V., Sound insulation of doors—part 1: Prediction models for structural and leak transmission . . . . .	(1)133
HONGISTO, V., KERÄNEN, J. and LINDGREN, M., Sound insulation of doors—part 2: Comparison between measurement results and predictions . . . . .	(1)149
HOUMAT, A., A triangular Fourier $p$ -element for the analysis of membrane vibrations . . . . .	(1)31
HUANG, C. X. See CHEN, J. T. . . . .	(2)203
HUANG, X. See ABRAMS, R. M. . . . .	(3)725
HUANG, Z. L. and ZHU, W. Q., Exact stationary solutions of stochastically and harmonically excited and dissipated integrable Hamiltonian systems (letter) . . . . .	(3)709
HUSTON, D. R., ZHAO, X. and JOHNSON, C. C., Whole-body shock and vibration: Frequency and amplitude dependence of comfort (letter) . . . . .	(4)964
ICHIKAWA, M., MIYAKAWA, Y. and MATSUDA, A., Vibration analysis of the continuous beam subjected to a moving mass . . . . .	(3)493
İNCEOĞLU, S. See GÜRGÖZE, M. (letter) . . . . .	(1)187
IVANSSON, S., Mode structure for fluid-solid media as derived by low-frequency asymptotics.	(2)411
IVARSSON, L., SANDERSON, M. A. and TROSHIN, A. G., Design, theory and validation of a low mass 6-d.o.f. transducer . . . . .	(3)661
JOHNSON, C. C. See HUSTON, D. R. . . . .	(4)964
KARCZUB, D. G. and NORTON, M. P., Correlations between dynamic strain and velocity in randomly excited plates and cylindrical shells with clamped boundaries. . . . .	(5)1069
KERÄNEN, J. See HONGISTO, V. . . . .	(1)149
KHADEM, S. E. and REZAEI, M., An analytical approach for obtaining the location and depth of an all-over Part-through crack on externally in-plane loaded rectangular plate using vibration analysis. . . . .	(2)291
KITIPORNCHAI, S. See CHEN, C. C. . . . .	(1)111

KOMATSU, K. See BAUER, H. F. . . . .	(5)1147
KRODKIEWSKI, J. M. See SUN, L. . . . .	(5)1103
KWAK, M. K. and HAN, S.-B., Effect of fluid depth on the hydroelastic vibration of free-edge circular plate. . . . .	(1)171
LA MALFA, S., LAURA, P. A. A., ROSSIT, C. A. and ALVAREZ, O., Use of dynamic absorber in the case of a vibrating printed circuit board of complicated boundary shape (letter). . . . .	(3)721
LACOUR, O., GALLAND, M. A. and THENAIL, D., Preliminary experiments on noise reduction in cavities using active impedance changes . . . . .	(1)69
LAKIS, A. A., Authors' reply (letter). . . . .	(2)448
LAM, K. Y. See LIU, G. R. . . . .	(4)809
LAURA, P. A. A. See GUTIÉRREZ, R. H. (letter) . . . . .	(5)1191
LAURA, P. A. A. See LA MALFA, S. (letter) . . . . .	(3)721
LAURA, P. A. A. See ROMANELLI, E. (letter) . . . . .	(4)955
LAURA, P. A. A., GUTIÉRREZ, R. H. and PISTONESI, C., Comments on "natural frequencies of transverse vibrations of non-uniform circular and annular plates" (letter). . . . .	(2)447
LEE, J. W. See PARK, S. . . . .	(3)591
LIEW, K. M. See CHEN, C. C. . . . .	(1)111
LIEW, K. M. and LIU, F.-L., Differential quadrature method for vibration analysis of shear deformable annular sector plates . . . . .	(2)335
LILLEY, G. M. See SINGER, B. A. . . . .	(3)541
LIM, C. W. See CHEN, C. C. . . . .	(1)111
LIN, T.-N. See GE, Z.-M. . . . .	(5)1045
LINDGREN, M. See HONGISTO, V. . . . .	(1)149
LIU, F.-L. See LIEW, K. M. . . . .	(2)335
LIU, G. R., CAI, C. and LAM, K. Y., Sound reflection and transmission of compliant plate-like structures by a plane sound wave excitation . . . . .	(4)809
LOCKARD, D. P. See SINGER, B. A. . . . .	(3)541
LUNDBERG, B. See HILLSTRÖM, L. . . . .	(3)689
LUNDSTRÖM, R. See MANSFIELD, N. J. . . . .	(3)477
LUO, A. C. J. and TAN, C. A., A comment on the natural frequency analysis of non-linear systems (letter) . . . . .	(2)463
MA, X., NAYFEH, T. A., VAKAKIS, A. F. and BERGMAN, L. A., Experimental verification of shock reduction achieved through non-linear localization (letter) . . . . .	(5)1177
MACE, B. R. and HALKYARD, C. R., Time domain estimation of response and intensity in beams using wave decomposition and reconstruction . . . . .	(3)561
MALIK, M. and BERT, C. W., Vibration analysis of plates with curvilinear quadrilateral planforms by DQM using blending functions (letter). . . . .	(4)949
MANSFIELD, N. J., HOLMLUND, P. and LUNDSTRÖM, R., Comparison of subjective responses to vibration and shock with standard analysis methods and absorbed power . . . . .	(3)477
MATSUDA, A. See ICHIKAWA, M. . . . .	(3)493
METTENLEITER, M., HAILE, E. and CANDEL, S., Adaptive control of aeroacoustic instabilities. . . . .	(4)761
MIKHLIN, Yu. V., Analytical construction of homoclinic orbits of two- and three-dimensional dynamical systems . . . . .	(5)971
MIYAKAWA, Y. See ICHIKAWA, M. . . . .	(3)493
MOSSBERG, M. See HILLSTRÖM, L. . . . .	(3)689
NAYFEH, T. A. See MA, X. (letter) . . . . .	(5)1177
NORTON, M. P. See KARCZUB, D. G. . . . .	(5)1069
ÖZKAYA, E. and PAKDEMİRLİ, M., Lie group theory and analytical solutions for the axially accelerating string problem . . . . .	(4)729
PAKDEMİRLİ, M. See ÖZKAYA, E. . . . .	(4)729
PAO, Y.-H., SU, X.-Y. and TIAN, J.-Y., Reverberation matrix method for propagation of sound in a multilayered liquid . . . . .	(4)743
PARK, S., CHUNG, W. K., YOUM, Y. and LEE, J. W., Natural frequencies and open-loop responses of an elastic beam fixed on a moving cart and carrying an intermediate lumped mass . . . . .	(3)591
PETERS, A. J. M. See ABRAMS, R. M. . . . .	(3)725
PINNINGTON, R. J. See GRICE, R. M. . . . .	(4)825
PINNINGTON, R. J. See GRICE, R. M. . . . .	(4)851

PISTONESI, C. see GUTIÉRREZ, R. H. (letter) . . . . .	(5)1191
PISTONESI, C., See LAURA, P. A. A. (letter) . . . . .	(2)447
PRICE, W. G. See XING, J. T. . . . .	(4)877
RAM, Y. M. See DATTA, B. N. . . . .	(1)101
RAM, Y. M. and ELHAY, S., Pole assignment in vibratory systems by multi-input control . . . . .	(2)309
REESE, G. M. See SEGALMAN, D. J. . . . .	2(393)
REESE, J. M. See GORMAN, D. G. . . . .	(2)379
REZAEI, M. See KHADEM, S. E. . . . .	(2)291
ROMANELLI, E. and LAURA, P. A. A., A generalization of Bodine's problem to the case of plates of polar orthotropy (letter) . . . . .	(4)955
ROSALES, M. B. See FILIPICH, C. P. . . . .	(3)521
ROSSI, C. A. See LA MALFA, S. (letter) . . . . .	(3)721
ROYSTON, T. J., SPOHNHOLTZ, T. and ELLINGSON, W. A., User of non-degeneracy in nominally axisymmetric structures for fault detection with application to cylindrical geometries. . . . .	(4)791
SANDERSON, M. A. See IVARSSON, L. . . . .	(3)661
SANTENS, D. See VALDÉS, L.-C. . . . .	(1)1
SARKISSIAN, D. R. See DATTA, B. N. . . . .	(1)101
SCARPA, F. and TOMLINSON, G., Theoretical characteristics of the vibration of sandwich plates with in-plane negative Poisson's ratio values . . . . .	(1)45
SEGALMAN, D. J., FULCHER, C. W. G., REESE, G. M. and FIELD JR, R. V., An efficient method for calculating r.m.s. von Mises stress in a random vibration environment . . . . .	(2)393
SINGER, B. A., BRENTNER, K. S., LOCKARD, D. P. and LILLEY, G. M., Simulation of acoustic scattering from a trailing edge. . . . .	(3)541
SINGH, G. and VENKATESWARA RAO, G., A lock-free material finite element for non-linear oscillations of laminated plates . . . . .	(2)221
SMITH, T. A., Finite difference analysis of rotationally symmetric shells using variable node point spacings . . . . .	(5)1119
SPOHNHOLTZ, T. See ROYSTON, T. J. . . . .	(4)791
STEVEN, G. P., See ZOU, Y. . . . .	(2)357
SU, X.-Y. See PAO, Y.-H. . . . .	(4)743
SUN, L. and KRODKIEWSKI, J. M., Experimental investigation of dynamic properties of an active journal bearing . . . . .	(5)1103
TAN, C. A. See LUO, A. C. J. (letter) . . . . .	(2)463
THENAIL, D. See LACOUR, O. . . . .	(1)69
TIAN, J.-Y., See PAO, Y.-H. . . . .	(4)743
TOMLINSON, G. See SCARPA, F. . . . .	(1)45
TONG, L. See ZOU, Y. . . . .	(2)357
TROSHIN, A. G. See IVARSSON, L. . . . .	(3)661
TURHAN, Ö., On the fundamental frequency of beams carrying a point mass: Rayleigh approximations versus exact solutions (letter) . . . . .	(2)449
VAKAKIS, A. F. See MA, X. (letter) . . . . .	(5)1177
VALDÉS, L.-C. and SANTENS, D., Influence of permanent turbulent air flow on acoustic streaming . . . . .	(1)1
VENKATESWARA RAO, G. see SINGH, G. . . . .	(2)(221)
WANG, R., YASUDA, K. and ZHANG, Z., A proposal of testing method on the exact steady state probability density function of non-linear stochastic system . . . . .	(5)1165
WASSERMAN, D. E. See ABRAMS, R. M. . . . .	(3)725
WHITE, R. G. See CUNNINGHAM, P. R. . . . .	(3)617
WONG, F. C. See CHEN, J. T. . . . .	(2)203
XING, J. T. and PRICE, W. G., The theory of non-linear elastic ship-water interaction dynamics . . . . .	(4)877
XU, R.-Q. See DING, H.-J. . . . .	(5)1031
YASUDA, K. See WANG, R. . . . .	(5)1165
YOUM, Y. See PARK, S. . . . .	(3)591
ZHANG, R., Work/Energy-based stochastic equivalent linearization with optimized power (letter) . . . . .	(2)468
ZHANG, Y. L. See GORMAN, D. G. . . . .	(2)379
ZHANG, Z. See WANG, R. . . . .	(5)1165
ZHAO, X. See HUSTON, D. R. . . . .	(4)964
ZHU, W. Q. See HUANG, Z. L. (letter) . . . . .	(3)709
ZOU, Y., TONG, L. and STEVEN, G. P., Vibration-based model-dependent damage (delamination) identification and health monitoring for composite structures—A review . . . . .	(2)357