

INDEX TO VOLUME 217

ABE, A., KOBAYASHI, Y. and YAMADA, G., Analysis of subharmonic resonance of moderately thick antisymmetric angle-ply laminated plates by using method of multiple scales	(3)467
ADHIKARI, S. See MANOHAR, C. S.	(1)43
BALLO, I., Non-linear effects of vibration of a continuous transverse cracked slender shaft	(2)321
BARDELL, N. S., DUNSDON, J. M. and LANGLEY, R. S., Free vibration of thin, isotropic, open, conical panels	(2)297
BELEGUNDU, A. D. See CONSTANS, E. W.	(2)335
BERGER, B. S., MINIS, I., HARLEY, J., PAPADOPOULOS, M. and ROKNI, M., Non-stationary cutting (letter)	(1)183
BI, Q. See YU, P.	(4)691
BOBROVNITSKII, YU. I., Estimating the vibrational energy characteristics of an elastic structure via the input impedance and mobility	(2)351
TER BRAKE, H. J. M. See RIJPMAN, A. P.	(3)419
BOSE, S. K. See GORAIN, G. C.	(4)637
BRUINS, P. C. See RIJPMAN, A. P.	(3)419
CAI, Y. See CHEN, S. S.	(5)883
CHANDLER-WILDE, S. N. See MORGAN, P. A.	(3)405
CHEN, C.-C. See YEH, M.-K.	(4)665
CHEN, H.-H. See GE, Z.-M.	(5)807
CHEN, J. T. and WONG, F. C., Dual formulation of multiple reciprocity method for the acoustic mode of a cavity with a thin partition	(1)75
CHEN, S. S., CAI, Y. and SRIKANTIAH, G. S., Fluid damping controlled instability of tubes in crossflow	(5)883
CHEN, W. S. See HE, S. Y.	(2)261
CHEN, Z. L. See HE, S. Y.	(2)261
CHENG, C. Y. R. See WU, T. W.	(4)767
CHRISTOFOROU, A. P. and YIGIT, A. S., Effect of flexibility on low velocity impact response	(3)563
CLARK, R. L. See GROVES, R. S. (letter)	(3)579
CONSTANS, E. W., KOOPMANN, G. H. and BELEGUNDU, A. D., The use of modal tailoring to minimize the radiated sound power of vibrating shells: theory and experiment	(2)335
CUMMINGS, A. See KIRBY, R.	(4)619
DOHNER, J. L., The contribution of radiation and viscous loss in a fluid loaded flexural plate wave sensor	(1)113
DOKUMACI, E., An approximate analytical solution for plane sound wave transmission in inhomogeneous ducts	(5)853
DOKUMACI, E., An exact transfer matrix formulation of plane sound wave transmission in inhomogeneous ducts	(5)869
DOMÍNGUEZ, J. See ESCALONA, J. L.	(3)523
DONG, Y. and HESS, D. P., Optimum placement of bolts in structures based on dynamic shear (letter)	(2)396
DUNSDON, J. M. See BARDELL, N. S.	(2)297
ESCALONA, J. L., MAYO, J. M. and DOMÍNGUEZ, J., A critical study of the use of the generalized impulse-momentum balance equations in flexible multibody systems	(3)523
FRISWELL, M. I. and LEES, A. W., Resonance frequencies of viscously damped structures (letter)	(5)950
GE, Z.-M., LEE, C.-I., CHEN, H.-H. and LEE, S.-C., Non-linear dynamics and chaos control of a damped satellite with partially-filled liquid	(5)807
GORAIN, G. C. and BOSE, S. K., Exact controllability of a linear Euler-Bernoulli panel	(4)637

- GORDON, T. J. and SHARP, R. S., On improving the performance of automotive semi-active suspension systems through road preview (1)163
- GRONIER, C. See MARTIN, V. (5)827
- GROVES, R. S. and CLARK, R. L., Comments on the natural frequencies of rectangular plates derived from the Rayleigh-Ritz method (letter) (3)579
- GÜRGÖZE, M., On the alternative formulations of the frequency equation of a Bernoulli-Euler beam to which several spring-mass systems are attached in-span (letter) (3)585
- GUTIERREZ, R. H. See GUTIERREZ, R. H. (letter) (5)945
- GUTIERREZ, R. H., LAURA, P. A. A. and ROSSI, R. E., Fundamental frequency of transverse vibration of simply supported and clamped plates of regular polygonal shape with a concentric circular support (letter) (5)945
- HARLEY, J. See BERGER, B. S. (letter) (1)183
- HE, S. Y., CHEN, W. S. and CHEN, Z. L., A uniformizing method for free vibration analysis of metal-piezoceramic composite thin plates (2)261
- VON HERTZEN, R. See JORKAMA, M. (4)653
- HESS, D. P. See DONG, Y. (letter) (2)396
- HESS, D. P. See PAI, N. G. (2)283
- HOTHERSALL, D. C. See MORGAN, P. A. (3)405
- INOOKA, H. See SUZUKI, S. (1)17
- JEONG, K.-H. and KIM, K.-J., Free vibration of a circular cylindrical shell filled with bounded compressible fluid (2)197
- JORKAMA, M. and VON HERTZEN, R., Optimal dynamic absorber for a rotating Rayleigh beam (4)653
- KABIR, H. R. H., Free vibration response of shear-deformable antisymmetric cross-ply cylindrical panels (4)601
- KANG, J.-H. and LEISSA, A. W., Three-dimensional vibrations of thick, linearly tapered, annular plates (5)927
- KIM, K.-J. See JEONG, K.-H. (2)197
- KIRBY, R. and CUMMINGS, A., The impedance of perforated plates subjected to grazing gas flow and backed by porous media (4)619
- KO, J. M. See NI, Y. Q. (4)737
- KOBAYASHI, Y. See ABE, A. (3)467
- KOOPMANN, G. H. See CONSTANS, E. W. (2)335
- KUKLA, S., Application of Green's function in free vibration analysis of a system of line connected rectangular plates (1)1
- LA MALFA, S. See ROSSIT, C. A. (letter) (1)191
- LANGLEY, R. S. See BARDELL, N. S. (2)297
- LAURA, P. A. A. See GUTIERREZ, R. H. (letter) (5)945
- LAURA, P. A. A. See ROSSIT, C. A. (letter) (1)191
- LEE, C.-I. See GE, Z.-M. (5)807
- LEE, S. K. and WHITE, P. R., The enhancement of impulsive noise and vibration signals for fault detection in rotating and reciprocating machinery (3)485
- LEE, S. Y. and LIN, S. M., Non-uniform Timoshenko beams with time-dependent elastic boundary conditions (2)223
- LEE, S.-C. See GE, Z.-M. (5)807
- LEE, Y.-Y. and NG, C. F., Sound insertion loss of stiffened enclosure plates using the finite element method and the classical approach (2)239
- LEES, A. W. See FRISWELL, M. I. (letter) (5)950
- LEISSA, A. W. See KANG, J.-H. (5)927
- LEUNG, A. Y. T. and ZHANG, Q. C., Higher order normal form and period averaging (5)795
- LIN, C. E. and WANG, J. Y., Active suppression of the vibration of a flexible beam using an eddy current sensor (letter) (2)387
- LIN, S. M. See LEE, S. Y. (2)223
- LOVEDAY, P. W. and ROGERS, C. A., Free vibration of elastically supported thin cylinders including gyroscopic effects (3)547
- MANOHAR, C. S. and ADHIKARI, S., Statistics of vibration energy flow in randomly parametered trusses (1)43

- MANSON, G. See WORDEN, K. (letter) (4)781
- MARTIN, V. and GRONIER, C., Minimum attenuation guaranteed by an active noise control system in presence of errors in the spatial distribution of the primary field (5)827
- MAYO, J. M. See ESCALONA, J. L. (3)523
- MENQ, C. H. See YANG, B. D. (5)909
- MENQ, C. H. and YANG, B. D., Non-linear spring resistance and friction damping of frictional constraint having two-dimensional motion (1)127
- MICKENS, R. E., Liénard systems, limit cycles, Melnikov theory, and the method of slowly varying amplitude and phase (letter) (4)790
- MINIS, I. See BERGER, B. S. (letter) (1)183
- MO, C. See PATTEN, W. N. (1)145
- MORGAN, P. A., HOTHERSALL, D. C. and CHANDLER-WILDE, S. N., Influence of shape and absorbing surface—a numerical study of railway noise barriers (3)405
- NATSIAVAS, S., Stability of piecewise linear oscillators with viscous and dry friction damping (3)507
- NG, C. F. See LEE, Y.-Y. (2)239
- NI, Y. Q., KO, J. M. and WONG, C. W., Identification of non-linear hysteretic isolators from periodic vibration tests (4)737
- PAI, N. G., TETZLAFF, S. A. and HESS, D. P., Dynamic analysis of a mechanical airbag system sensor (2)283
- PAPADOPOULOS, M. See BERGER, B. S. (letter) (1)183
- PATTEN, W. N., SHA, S. and MO, C., A vibration model of open celled polyurethane foam automotive seat cushions (1)145
- PENNESTRI, E., An application of Chebyshev's min-max criterion to the optimal design of a damped dynamic vibration absorber (4)757
- RAHN, C. D. See ZHU, F. (3)435
- RAJALINGHAM, C. and RAKHEJA, S., Whirl suppression in hand-held power tool rotors using guided rolling balancers (3)453
- RAKHEJA, S. See RAJALINGHAM, C. (3)453
- RIJPMAN, A. P., VERBERNE, J. F. C., WITBREUK, E. H. R., BRUINS, P. C. and TER BRAKE, H. J. M., Adaptive periodic disturbance cancellation in a set-up of two cryocoolers (3)419
- ROGERS, C. A. See LOVEDAY, P. W. (3)547
- ROKNI, M. See BERGER, B. S. (letter) (1)183
- ROSSI, R. E. See GUTIERREZ, R. H. (letter) (5)945
- ROSSIT, C. A., LA MALFA, S. and LAURA, P. A. A., Antisymmetric modes of vibrations of composite, doubly-connected membranes (letter) (1)191
- SHA, S. See PATTEN, W. N. (1)145
- SHANKAR, K., A study of the dynamic stress concentration factors of a flat plate for SEA applications (1)97
- SHARP, R. S. See GORDON, T. J. (1)163
- SRIKANTIAH, G. S. See CHEN, S. S. (5)883
- SUZUKI, S. and INOOKA, H., A new golf-swing robot model utilizing shaft elasticity (1)17
- TAO, Q. T. and ZHANG, Z. L., Frequency equation of thin shell vibration in transition range (1)33
- TETZLAFF, S. A. See PAI, N. G. (2)283
- VERBERNE, J. F. C. See RIJPMAN, A. P. (3)419
- WANG, J. Y. See LIN, C. E. (letter) (2)387
- WHITE, P. R. See LEE, S. K. (3)485
- WITBREUK, E. H. R. See RIJPMAN, A. P. (3)419
- WONG, C. W. See NI, Y. Q. (4)737
- WONG, F. C. See CHEN, J. T. (1)75
- WORDEN, K. and MANSON, G., Random vibrations of a Duffing oscillator using the Volterra series (letter) (4)781
- WU, T. W., ZHANG, P. and CHENG, C. Y. R., Boundary element analysis of mufflers with an improved method for deriving the four-pole parameters (4)767
- YAMADA, G. See ABE, A. (3)467
- YANG, B. D. and MENQ, C. H., Characterization of 3D contact kinematics and prediction of resonant response of structures having 3D frictional constraint (5)909

YANG, B. D. See MENQ, C. H.	(1)127
YEH, M.-K. and CHEN, C.-C., Dynamic instability of a general column under a periodic load in the direction of the tangency coefficient at any axial position	(4)665
YIGIT, A. S. See CHRISTOFOROU, A. P.	(3)563
YU, P. and BI, Q., Analysis of non-linear dynamics and bifurcations of a double pendulum	(4)691
ZHANG, P. See WU, T. W.	(4)767
ZHANG, Q. C. See LEUNG, A. Y. T.	(5)795
ZHANG, Z. L. See TAO, Q. T.	(1)33
ZHU, F. and RAHN, C. D., Stability analysis of a circularly towed cable-body system	(3)435