

## INDEX TO VOLUME 222

DER HAGOPIAN, J. and GAUDILLER, L., Hierarchical control of hydraulic active suspensions of a fast all-terrain military vehicle . . . . .	(5)723
VAN NIJEN, G. C. See WIJNANT, Y. H. . . . .	(4)579
ACHONG, A., Non-linear analysis of compressively/thermally stressed elastic shell structures on the steelpan and the underlying theory of the tuning process . . . . .	(4)597
ARGENTO, A. See MAZZEI, JR, A. J. . . . .	(1)19
ASOKANTHAN, S. F. See MILFORD, R. I. . . . .	(2)191
AU, F. T. K. See CHENG, Y. S. . . . .	(5)781
AVALOS, D. R., LARRONDO, H. A. and LAURA, P. A. A., Analysis of vibrating rectangular anisotropic plates with free-edge holes (letter) . . . . .	(4)691
BASU, B. and GUPTA, V. K., Wavelet-based analysis of the non-stationary response of a slipping foundation . . . . .	(4)547
BLAKEMORE, M., WOODHOUSE, J. and HARDIE, D. J. W., Statistical power-flow analysis of an imperfect ribbed cylinder . . . . .	(5)813
BRENNAN, M. J., Control of flexural waves on a beam using a tunable vibration neutraliser . . . . .	(3)389
CALLISTER, J. R., GEORGE, A. R., and FREEMAN, G. E., An empirical scheme to predict the sound transmission loss of single-thickness panels (letter) . . . . .	(1)145
CEDERBAUM, G. and MOND, M., On the dynamic stability of viscoelastic columns (letter) . . . . .	(2)329
CHANG, J. K. W. See LEUNG, A. Y. T. . . . .	(4)679
CHEN, H. L. See CHEN, X. . . . .	(5)803
CHEN, W. See SHU, C. . . . .	(2)239
CHEN, X., CHEN, H. L. and HU, X. L., Damping predication of sandwich structures by order-reduction-iteration approach . . . . .	(5)803
CHENG, Y. S., AU, F. T. K., CHEUNG, Y. K. and ZHEUNG, D. Y., On the separation between moving vehicles and bridge . . . . .	(5)781
CHEUNG, Y. K. See CHENG, Y. S. . . . .	(5)781
CHIU, T.-C. and ERDOGAN, F., One-dimensional wave propagation in a functionally graded elastic medium . . . . .	(3)453
DALL'ASTA, A. and LEONI, G., Vibrations of beams prestressed by internal frictionless cables . . . . .	(1)1
DWIVEDY, S. K. and KAR, R. C., Dynamics of a slender beam with an attached mass under combination parametric and internal resonances, Part II: Periodic and chaotic responses . . . . .	
ERDOGAN, F. See CHIU, T.-C. . . . .	(2)281
FREEMAN, G. E. See CALLISTER, J. R. . . . .	(3)453
FULLER, C. R. See MAILLARD, J. P. . . . .	(1)145
GAUDILLER, L. See DER HAGOPIAN, J. . . . .	(3)363
GAVRILOV, S., Non-stationary problems in dynamics of a string on an elastic foundation subjected to a moving load . . . . .	(5)723
GAVRILOV, S., Non-stationary problems in dynamics of a string on an elastic foundation subjected to a moving load . . . . .	(3)345
GENNARETTI, M., GIORDANI, A. and MORINO, L., A third-order boundary element method for exterior acoustics with applications to scattering by rigid and elastic shells . . . . .	(5)699
GEORGE, A. R. See CALLISTER, J. R. . . . .	(1)145
GIBBS, B. M. See YAP, S. H. . . . .	(1)85
GIBBS, B. M. See YAP, S. H. . . . .	(1)99
GIORDANI, A. See GENNARETTI, M. . . . .	(5)699
GUPTA, V. K. See BASU, B. . . . .	(4)547

HARDIE, D. J. W. See BLAKEMORE, M.	(5)815
HU, X. L. See CHEN, X.	(5)803
HU, X. X. and TSUJI, T., Free vibration analysis of rotating twisted cylindrical thin panels	(2)209
HUSTON, D. R., JOHNSON, C. C., WOOD, M. A. and ZHAO, X., Vibration attenuating characteristics of air filled seat cushions (letter)	(2)333
IOLLO, A. and SALAS, M. D., On the propagation of small perturbations in two simple aeroelastic systems (letter)	(1)152
JEON, W.-H. and LEE, D.-J., An analysis of the flow and aerodynamic acoustic sources of a centrifugal impeller (letter)	(3)505
JOHNSON, C. C. See HUSTON, D. R.	(2)333
JUAN, A. See PRONSATO, M. E.	(2)341
KADYROV, S. G. See SOROKIN, S. V.	(3)425
KANG, J. H. See KIM, Y. Y.	(2)225
KAR, R. C. See DWIVEDY, S. K.	(2)281
KARKOUB, M. and YIGIT, A. S., Vibration control of a four-bar mechanism with a flexible coupler link	(2)171
KIM, Y. Y. and KANG, J. H., Strain-based rotationl mode measurement in a beam	(2)225
KUMAR, R. See TOMAR, S. K.	(5)858
LA MALFA, S. See LAURA, P. A. A.	(4)696
LALLEMENT, G. and MOTTERSHEAD, J. E., Vibration nodes, and the cancellation of poles and zeros by unit-rank modifications to structures	(5)833
LARRONDO, H. A. See AVALOS, D. R.	(4)691
LAURA, P. A. A. and VERA, S. A., Comments on "On the polygonal membrane with a circular core" (letter)	(2)331
LAURA, P. A. A. See PRONSATO, M. E.	(2)341
LAURA, P. A. A., Comments on "optimal support positions for a structure to maximize its fundamental natural frequency" (letter)	(5)853
LAURA, P. A. A., ROSSIT, C. A. and LA MALFA, S., A note on transverse vibrations of composite, circular membranes with a central, point support (letter)	(4)696
LAURA, P. A. A. See AVALOS, D. R.	(4)691
LEE, D.-J. See JEON, W.-H.	(3)505
LEES, A. W., A perturbation approach to analyze the vibration of structures conveying fluids	(4)621
LEONI, G. See DALL'ASTA, A.	(1)1
LEUNG, A. Y. T. and CHANG, J. K. W., Null space solution of Jordan chains for derogatory eigenproblems (letter)	(4)679
LOW, K. H., Comments on "Vibrational analysis of mass loaded plates and shallow shells by the receptance method with application to the steelpan" (letter)	(3)503
LOWSON, M. V. See MCALPINE, A.	(5)753
LU, J. See HAN, R. P. S.	(1)65
LUCERO, J. C., Computation of the harmonics-to-noise ratio of a voice signal using a functional data analysis algorithm (letter)	(3)512
MAILLARD, J. P. and FULLER, C. R., Active control of sound radiation from cylinders with piezoelectric actuators and structural acoustic sensing	(3)363
MAZZEI, JR, A. J., ARGENTO, A. and SCOTT, R. A., Dynamic stability of a rotating shaft driven through a universal joint	(1)19
MCALPINE, A., NASH, E. C. and LOWSON, M. V., On the generation of discrete frequency tones by the flow around an aerofoil	(5)753
MILFORD, R. I. and ASOKANTHAN, S. F., Configuration dependent eigenfrequencies for a two-link flexible manipulator: Experimental verification	(2)191
MIYA, K. See ZHOU, Y.-H.	(1)49
MOND, M. See CEDERBAUM, G.	(2)329
MORINO, L. See GENNARETTI, M.	(5)699

NORGIA, L., A graphical optimization of take-off noise abatement procedures for subsonic aircraft . . . . .	(3)489
OLDHAM, D. J. See WADDINGTON, D. C. . . . .	(1)163
OSSOWSKI, A., Asymptotic behaviour of an oscillator excited by dry friction forces . . . . .	(4)521
PARK, Y. S. See WON, K. M. . . . .	(5)857
PILIPCHUK, V. N., VOLKOVA, S. A. and STARUSHENKO, G. A., Study of a non-linear oscillator under parametric impulsive excitation using a non-smooth temporal transformation. . . . .	(2)307
PRONSATO, M. E., LAURA, P. A. A. and JUAN, A., Transverse vibrations of a rectangular membrane with discontinuously varying density (letter) . . . . .	(2)341
ROSSIT, C. A. See LAURA, P. A. A. . . . .	(4)696
RUOTOLI, R. See SHIFRIN, E. I. . . . .	(3)409
SALAS, M. D. See IOLLO, A. . . . .	(1)152
SCOTT, R. A. See MAZZEI, JR, A. J. . . . .	(1)19
SHIFRIN, E. I. and RUOTOLI, R., Natural frequencies of a beam with an arbitrary number of cracks . . . . .	(3)409
SHU, C. and CHEN, W., On optimal selection of interior points for applying discretized boundary conditions in DQ vibration analysis of beams and plates . . . . .	(2)239
SOROKIN, S. V. and KADYROV, S. G., Modelling of non-linear oscillations of elastic structures in heavy fluid loading conditions . . . . .	(3)425
STARUSHENKO, G. A. See PILIPCHUK, V. N. . . . .	(2)307
STEPANISHEN, P. R., Acoustic Bessel Bullets . . . . .	(1)115
SUNDIN, K. G. and ÅHRSTRÖM, B. O., Method for investigation of frictional properties at impact loading . . . . .	(4)669
THRELFALL, I. See WILSON, J. F. . . . .	(4)565
TOMAR, S. K. and KUMAR, R., Wave propagation at liquid/micropolar elastic solid interface (letter) . . . . .	(5)858
TSUIJI, T. See HU, X. X. . . . .	(2)209
VERA, S. A. See LAURA, P. A. A. . . . .	(2)331
VOLKOVA, S. A. See PILIPCHUK, V. N. . . . .	(2)307
VUKSANOVIC, B. See WRIGHT, S. E. . . . .	(4)635
WADDINGTON, D. C. and OLDHAM, D. J., Generalized flow noise prediction curves for air duct elements (letter) . . . . .	(1)163
WANG, Y. See WILSON, J. F. . . . .	(4)565
WENSING, J. A. See WIJNANT, Y. H. . . . .	(4)579
WIJNANT, Y. H., WENSING, J. A. and VAN NIJEN, G. C., The influence of lubrication on the dynamic behaviour of ball bearings . . . . .	(4)579
WILSON, J. F., WANG, Y. and THRELFALL, I., Responses of near-optimal, continuous horizontally curved beams to transit loads . . . . .	(4)565
WON, K. M. and PARK, Y. S., Authors' reply (letter) . . . . .	(5)857
WOOD, M. A. See HUSTON, D. R. . . . .	(2)333
WOODHOUSE, J. See BLAKEMORE, M. . . . .	(5)813
WRIGHT, S. E. and VUKSANOVIC, B., Active control of environmental noise, IV: practical extensions to ECAS theory . . . . .	(4)635
XU, M. B., ZHANG, X. M. and ZHANG, W. H., Space-harmonic analysis of input power flow in a periodically stiffened shell filled with fluid . . . . .	(4)531
YAP, S. H. and GIBBS, B. M., Structure-borne sound transmission from machines in buildings, part 1: indirect measurement of force at the machine-receiver interface of a single and multi-point connected system by a reciprocal method . . . . .	(1)85
YAP, S. H. and GIBBS, B. M., Structure-borne sound transmission from machines in buildings, part 2: indirect measurement of force and moment at the machine-receiver interface of a single point connected system by a reciprocal method . . . . .	(1)99
YIGIT, A. S. See KARKOUB, M. . . . .	(2)171

ZHANG, A. M. See XU, M. B.	(4)551
ZHAO, X. See HUSTON, D. R.	(2)333
ZHEUNG, D. Y. See CHENG, Y. S.	(5)781
ZHOU, Y.-H. and MIYA, K., A theoretical prediction of increase of natural frequency to ferromagnetic plates under in-plane magnetic fields	(1)49
ZU, J. W. See ZHANG, L.	(2)259
ÅHRSTRÖM, B. O. See SUNDIN, K. G.	(4)669