

## INDEX TO VOLUME 214

ABRAMS, R. M., GERHARDT, K. J., KELLY-JONES, A. and PETERS, A. J. M., Vibration transmission through the sheep pelvis (letter) . . . . .	(2)383
AL-MAAMORY, M. See MASOUD, S. . . . .	(2)201
AMABILI, M. and FREGOLENT, A., A method to identify modal parameters and gear errors by vibrations of a spur gear pair . . . . .	(2)339
AUCIELLO, N. M. and NOLÉ, G., Vibrations of a cantilever tapered beam with varying section properties and carrying a mass at the free end . . . . .	(1)105
AZEEZ, M. A. F. See EMACI, E. (letter) . . . . .	(5)953
BABITSKY, V. I., Hand-held percussion machine as discrete non-linear converter . . . . .	(1)165
BAUER, H. F. See CHIBA, M. . . . .	(2)245
BERNSTEIN, D. S. See CLARK, R. L. (letter) . . . . .	(4)784
BONILHA, M. W. and FAHY, F. J., On the vibration field correlation of randomly excited flat plate structures, I: theory . . . . .	(3)443
BONILHA, M. W. and FAHY, F. J., On the vibration field correlation of randomly excited flat plate structures, II: experimental verification . . . . .	(3)469
BRANDON, J. A. See ZHANG, P. Q. . . . .	(5)903
BURDESS, J. S. See WAKE, R. N. . . . .	(4)761
BURDISSO, R. A. and HEILMANN, J. D., A new dual-reaction mass dynamic vibration absorber actuator for active vibration control . . . . .	(5)817
CHANDRA SHEKHAR, N., HATWAL, H. and MALLIK, A. K., Response of non-linear dissipative shock isolators . . . . .	(4)589
CHANG, S.-C. and TUNG, P.-C., Identification of a non-linear electromagnetic system: an experimental study . . . . .	(5)853
CHANG, Y.-F. See KANG, Y. (letter) . . . . .	(2)377
CHEN, K.-W. See FUNG, R.-F. . . . .	(4)605
CHEUNG, Y. K. See QIAN, J. . . . .	(4)747
CHIANG, H.-W. See KANG, Y. . . . .	(3)413
CHIBA, M., BAUER, H. F. and SASAKI, H., Influence of attached liquid layers on free hydroelastic vibrations of a cylindrical sector shell in a zero-gravity condition . . . . .	(2)245
CHINTA, M. and PALAZZOLO, A. B., Stability and bifurcation of rotor motion in a magnetic bearing . . . . .	(5)793
CLARK, R. L. and BERNSTEIN, D. S., Hybrid control: separation in design (letter) . . . . .	(4)784
CORTÁZAR, O. D., TOMASEL, F. G. and LAURA, P. A. A., Monitoring the structural health of Kevlar cables by means of fiber-optic technology (letter) . . . . .	(3)576
CSABA, G., Forced response analysis in time and frequency domains of a tuned bladed disk with friction dampers . . . . .	(3)395
CVETICANIN, L., Analytical methods for solving strongly non-linear differential equations . . . . .	(2)325
DAVIS, S. S., Vibration analysis of rotating machinery using the spectral distribution function . . . . .	(5)805
DIETERMAN, H. A. See KONONOV, A. V. . . . .	(4)725
DOWELL, E. H. See HU, H. Y. . . . .	(3)497
EDWARDS, J. A. See ZHANG, X. . . . .	(4)771
ELBEHEIRY E. M., A method for preview vibration control of systems having forcing inputs and rapidly-switched dampers . . . . .	(2)269
EMACI, E., AZEEZ, M. A. F. and VAKAKIS, A. F., Dynamics of trusses: numerical and experimental results (letter) . . . . .	(5)953
ESCALONA, J. L., HUSSIEN, H. A. and SHABANA, A. A., Application of the absolute nodal co-ordinate formulation to multibody system dynamics . . . . .	(5)833
EVANS, J. T. See WAKE, R. N. . . . .	(4)761

- FAHY, F. J. See BONILHA, M. W. . . . . (3)443
- FAHY, F. J. See BONILHA, M. W. . . . . (3)469
- FAHY, F. J., An alternative to the SEA coupling loss factor: rationale and method for experimental determination . . . . . (2)261
- FILIPOVIĆ, D. and SCHRÖDER, D., Bandpass vibration absorber . . . . . (3)553
- FREGOLENT, A. See AMABILI, M. . . . . (2)339
- FUNG, R.-F. and CHEN, K.-W., Dynamic analysis and vibration control of a flexible slider-crank mechanism using PM synchronous servo motor drive . . . . . (4)605
- GAUVIN, R. See PIEDBOEUF, M. C. . . . . (5)885
- GERHARDT, K. J. See ABRAMS, R. M. (letter) . . . . . (2)383
- GOĘBIEWSKA-ROZANOW, M. See TOMSKI, L. . . . . (1)67
- GOVEKAR, E. See GRADIŠEK, J. . . . . (5)941
- GRABEC, I. See GRADIŠEK, J. . . . . (5)941
- GRADIŠEK, J., GOVEKAR, E. and GRABEC, I., Using coarse-grained entropy rate to detect chatter in cutting . . . . . (5)941
- GRIFFIN, J. See WEI, L. . . . . (1)121
- HASSAN, S. M. See SINGH, B. . . . . (1)29
- HATWAL, H. See CHANDRA SHEKHAR, N. . . . . (4)589
- HEILMANN, J. D. See BURDISSO, R. A. . . . . (5)817
- HOCKNELL, A., JONES, R. and ROTHBERG, S. J., Remote vibration measurements: compensation of waveform distortion due to whole body translations . . . . . (2)285
- HOLE, L. R., KAYNIA, A. M. and MADSHUS, C., Measurement and simulation of low frequency impulse noise and ground vibration from airblasts . . . . . (2)309
- HSU, W. Y. See WU, M. H. . . . . (1)17
- HU, H. Y. and WANG, Z. H., Stability analysis of damped SDOF systems with two time delays in state feedback . . . . . (2)213
- HU, H. Y. See JIN, D. P. . . . . (3)431
- HU, H. Y., DOWELL, E. H. and VIRGIN, L. N., Stability estimation of high dimensional vibrating systems under state delay feedback control . . . . . (3)497
- HUANG, S., Non-linear vibration of a hinged orthotropic circular plate with a concentric rigid mass . . . . . (5)873
- HUSSIEN, H. A. See ESCALONA, J. L. . . . . (5)833
- HUSTON, D. R., JOHNSON, C. C. and ZHAO, X. D., A human analog for testing vibration attenuating seating (letter) . . . . . (1)195
- JANOLIN, C. See SABOT, J. . . . . (2)359
- JARRAH, M. A. See MASOUD, S. . . . . (2)201
- JEN, S.-C. See KANG, Y. (letter) . . . . . (2)377
- Ji, Z. L. See SELAMET, A. (letter) . . . . . (3)580
- JIN, D. P. and HU, H. Y., Ice-induced non-linear vibration of an offshore platform . . . . . (3)431
- JOHNSON, C. C. See HUSTON, D. R. (letter) . . . . . (1)195
- JONES, R. See HOCKNELL, A. . . . . (2)285
- KANG, Y., SHEEN, G.-J., TSENG, M.-H., TU, S.-H. and CHIANG, H.-W., Modal analyses and experiments for engine crankshafts . . . . . (3)413
- KANG, Y., SHYR, S.-S., CHANG, Y.-F. and JEN, S.-C., Frequency-locked motion and quasi-periodic motion of a piecewise-linear system subjected to externally non-synchronous excitations (letter) . . . . . (2)377
- KAYNIA, A. M. See HOLE, L. R. . . . . (2)309
- KELLY-JONES, A. See ABRAMS, R. M. (letter) . . . . . (2)383
- KONONOV, A. V. and DIETERMAN, H. A., The elastic field generated by two loads moving along two strings on an elastically supported membrane . . . . . (4)725
- KREMPF, P. See SABOT, J. . . . . (2)359
- KWAN, A. S. K. See ZHANG, P. Q. . . . . (5)903
- LAM, K. Y. See NG, T. Y. . . . . (3)513
- LAURA, P. A. A. See CORTÁZAR, O. D. (letter) . . . . . (3)576
- LUONGO, A. and PICCARDO, G., Non-linear galloping of sagged cables in 1:2 internal resonance . . . . . (5)915
- MADSHUS, C. See HOLE, L. R. . . . . (2)309

MALLIK, A. K. See CHANDRA SHEKHAR, N. . . . .	(4)589
MASOUD, S., JARRAH, M. A. and AL-MAAMORY, M., Effect of crack depth on the natural frequency of a prestressed fixed-fixed beam . . . . .	(2)201
MAURIZI, M. J. and ROBLEDO, G. G., A further note on the ‘‘Dynamic analysis of generally supported beams using Fourier series’’ (letter) . . . . .	(5)972
MULLER, P. See OSSADZOW, C. . . . .	(3)531
NARAYANAN, S. See RAGHOTHAMA, A. (letter) . . . . .	(1)183
NARITA, Y. and NITTA, T., Optimal design by using various solutions for vibration of laminated shallow shells on shear diaphragms . . . . .	(2)227
NG, T. Y., LAM, K. Y. and REDDY, J. N., Parametric resonance of a rotating cylindrical shell subjected to periodic axial loads . . . . .	(3)513
NITTA, T. See NARITA, Y. . . . .	(2)227
NOAH, S. T. See SUNDARARAJAN, P. . . . .	(4)695
NOLÉ, G. See AUCIELLO, N. M. . . . .	(1)105
OSSADZOW, C., MULLER, P. and TOURATIER, M., Wave dispersion in deep multilayered doubly curved viscoelastic shells . . . . .	(3)531
PÄRSSINEN, M., Hertzian contact vibrations under random external excitation and surface roughness (letter) . . . . .	(4)779
PALAZZOLO, A. B. See CHINTA, M. . . . .	(5)793
PAN, J. and PAN, J.-Q., A comparison of modal expansion and travelling wave methods for predicting energy flow in beam structures . . . . .	(1)1
PAN, J.-Q. See PAN, J. . . . .	(1)1
PARASURAMA, S. A. See SHAHRUZ, S. M. (letter) . . . . .	(3)567
PETERS, A. J. M. See ABRAMS, R. M. (letter) . . . . .	(2)383
PICCARDO, G. See LUONGO, A. . . . .	(5)915
PIEDBOEUF, M. C., GAUVIN, R. and THOMAS, M., Damping behaviour of shape memory alloys: strain amplitude, frequency and temperature effects . . . . .	(5)885
PRITZ, T., Frequency dependences of complex moduli and complex Poisson’s ratio of real solid materials . . . . .	(1)83
PRZYBYLSKI, J. See TOMSKI, L. . . . .	(1)67
QIAN, J., THAM, L. G. and CHEUNG, Y. K., Dynamic analysis of rigid surface footings by boundary element method . . . . .	(4)747
QU, Z.-Q., A multi-step method for matrix condensation of finite element models (letter) . . . . .	(5)965
RAGHOTHAMA, A. and NARAYANAN, S., Periodic response and bifurcation of an SDF system with orifice damping (letter) . . . . .	(1)183
REDDY, J. N. See NG, T. Y. . . . .	(3)513
RIENSTRA, S. W., Aeroacoustics research in Europe: the CEAS-ASC report on 1997 highlights . . . . .	(1)139
ROBLEDO, G. G. See MAURIZI, M. J. (letter) . . . . .	(5)972
RONA, A. See ZHANG, X. . . . .	(4)771
ROTHBERG, S. J. See HOCKNELL, A. . . . .	(2)285
SABOT, J., KREMPF, P. and JANOLIN, C., Non-linear vibrations of a sphere-plane contact excited by a normal load . . . . .	(2)359
SASAKI, H. See CHIBA, M. . . . .	(2)245
SCHRÖDER, D. See FILIPOVIĆ, D. . . . .	(3)553
SELAMET, A. and Ji, Z. L., Diametral plane-wave analysis for short circular chambers with end offset inlet/outlet and side extended inlet/outlet (letter) . . . . .	(3)580
SHABANA, A. A. See ESCALONA, J. L. . . . .	(5)833
SHAHRUZ, S. M. and PARASURAMA, S. A., Suppression of vibration in the axially moving Kirchhoff string by boundary control (letter) . . . . .	(3)567
SHAN, B. X. See ZHANG, P. Q. . . . .	(5)903
SHEEN, G.-J. See KANG, Y. . . . .	(3)413
SHYR, S.-S. See KANG, Y. (letter) . . . . .	(2)377
SINGH, B. and HASSAN, S. M., Transverse vibration of triangular plate with arbitrary thickness variation and various boundary conditions . . . . .	(1)29
STASZEWSKI, W. J., Identification of non-linear systems using multi-scale ridges and skeletons of the wavelet transform . . . . .	(4)639

SUNDARARAJAN, P. and NOAH, S. T., An algorithm for response and stability of large order non-linear systems—application to rotor systems . . . . .	(4)695
SZMIDLA, J. See TOMSKI, L. . . . .	(1)67
TANG, X. L. See ZHANG, P. Q. . . . .	(5)903
THAM, L. G. See QIAN, J. . . . .	(4)747
THOMAS, M. See PIEDBOEUF, M. C. . . . .	(5)885
TOMASEL, F. G. See CORTÁZAR, O. D. (letter) . . . . .	(3)576
TOMSKI, L., PRZYBYLSKI, J., GOĘBIOWSKA-ROZANOW, M. and SZMIDLA, J., Vibration and stability of a cantilever column subject to a follower force passing through a fixed point . . . . .	(1)67
TOURATIER, M. See OSSADZOW, C. . . . .	(3)531
TSENG, M.-H. See KANG, Y. . . . .	(3)413
TU, S.-H. See KANG, Y. . . . .	(3)413
TUNG, P.-C. See CHANG, S.-C. . . . .	(5)853
VAKAKIS, A. F. See EMACI, E. (letter) . . . . .	(5)953
VIRGIN, L. N. See HU, H. Y. . . . .	(3)497
WAKE, R. N., BURDESS, J. S. and EVANS, J. T., Changes in the natural frequencies of repeated mode pairs induced by cracks in a vibrating ring . . . . .	(4)761
WANG, C. Y., Fundamental frequencies of a membrane strip with periodic boundary constraints (letter) . . . . .	(2)389
WANG, Z. H. See HU, H. Y. . . . .	(2)213
WEI, L. and GRIFFIN, J., The prediction of seat transmissibility from measures of seat impedance . . . . .	(1)121
WETTERGREN, H. L., Optimal design to reduce dynamic instability of a turbine generator due to microslip . . . . .	(1)57
WU, M. H. and HSU, W. Y., Modelling the static and dynamic behavior of a conical spring by considering the coil close and damping effects . . . . .	(1)17
XU, Y. L. and YU, Z., Mitigation of three-dimensional vibration of inclined sag cable using discrete oil dampers—II. Application . . . . .	(4)675
XU, Y. L. See YU, Z. . . . .	(4)659
YU, Z. and XU, Y. L., Mitigation of three-dimensional vibration of inclined sag cable using discrete oil dampers—I. Formulation . . . . .	(4)659
YU, Z. See XU, Y. L. . . . .	(4)675
ZHANG, P. Q., TANG, X. L., SHAN, B. X., BRANDON, J. A. and KWAN, A. S. K., Analytical and experimental modal analysis for operational validation and calibration of a miniature silicon sensor . . . . .	(5)903
ZHANG, X., RONA, A. and EDWARDS, J. A., An observation of pressure waves around a shallow cavity . . . . .	(4)771
ZHAO, X. D. See HUSTON, D. R. (letter) . . . . .	(1)195