

2006

PERIODIKÁ (CCC)

KUDLIČKA, J. Dispersion of torsion waves in a thick-walled transversely isotropic circular cylinder of infinite length. In *Journal of Sound and Vibration*. Vol. 294, nos. 1-2 (2006), p. 368-373.

ZBORNÍKY

KUDLIČKA, J. Statistical process control at improving production and technological processes. In *APLIMAT 2006. 5th International Conference, Part II, Bratislava, February 7-10, 2006*. Bratislava: STU, 2006. ISBN 80-967-305-5-X. p. 553-560. (CD)

ŠLÍŽEK, O. Analýza citlivosti viacparametrových sústav. In *APLIMAT 2006. 5th International Conference, Part II, Bratislava, February 7-10, 2006*. Bratislava: STU, 2006. ISBN 80-967-305-5-X. p. 481-485. (CD)

WISZT, E. – WISZTOVÁ, E. An undamped oscillator and energy dissipation. In *Strojné inžinierstvo 2006, Bratislava, 23 November 2006*. Bratislava: STU, 2006. ISBN 80-227-2513-7. s.441-444. (CD)

WISZT, E. – WISZTOVÁ, E. Modulated periodical solution of some second order ordinary differential equation. In *APLIMAT 2006. 5th International Conference, Part II, Bratislava, February 7-10, 2006*. Bratislava: STU, 2006. ISBN 80-967-305-5-X. p. 371-377.

KUDLIČKA, J. Influence of the wall thickness of an annular cylinder on dispersion properties and energy flows of axisymmetric elastic waves. In *Interaction and Feedbacks 2006, Prague, November 28-29, 2006*. Prague: IT AS CR, 2006. ISBN 80-87012-02-X. p. 45-52.

WISZT, E. – WISZTOVÁ, E. The effect of vibrational force and fast excitation of a linear string. In *Interaction and Feedbacks 2006, Prague, November 28-29, 2006*. Prague: IT AS CR, 2006. ISBN 80-87012-02-X. p. 149-156.

2005

PERIODIKÁ (CCC)

PRODI, N. – VELECKÁ, S. A scale value for the balance inside a historical opera house. In *The Journal of the Acoustical Society of America*. Vol. 117, no. 2 (2005), p. 771-779.

ZBORNÍKY

KUDLIČKA, J. Dispersion of torsion waves in a three-layered annular composite cylinder. In *Interaction and Feedbacks 2005, Prague, November 29-30, 2005*. Prague: IT AS CR, 2005. ISBN 80-85918-95-1. p. 63-68.

MAŇKA, M. Composites with elastomeric matrix. In *Interaction and Feedbacks 2005, Prague, November 29-30, 2005*. Prague: IT AS CR 2005. ISBN 80-85918-95-1. p. 69-76.

ŠLÍŽEK, O. Sensitivity analysis. In *Interaction and Feedbacks 2005, Prague, November 29-30, 2005*. Prague: IT AS CR 2005. ISBN 80-85918-95-1. p. 131-134.

WISZT, E. – WISZTOVÁ, E. Energy flow paths model. In *Interaction and Feedbacks 2005, Prague, November 29-30, 2005*. Prague: IT AS CR 2005. ISBN 80-85918-95-1. p. 161-168.

WISZT, E. – WISZTOVÁ, E. The influence of fast excitation on a linear continuous system vibration. In *Mechanical Engineering 2005, Bratislava, 16 November, 2005*. Bratislava: STU 2005. ISBN 80-227-2314-2. p. 417-428. (CD)

2004

PERIODIKÁ (CCC)

KUDLIČKA, J. Energy flow of axisymmetric elastic waves in a three-layered, transtropicisotropic-transtropic, composite cylinder. In *Journal of Sound and Vibration*. Vol. 277, nos. 1-2 (2004), p. 1093-1100.

OSTATNÉ VEDECKÉ PERIODIKÁ

ŠLÍŽEK, O. – ORAVSKÝ, V. Analýza citlivosti vybraných parametrov na vlastnosti rovinnej dosky a valcovej škrupiny. In *Strojnícky časopis*. Vol. 55, no. 3 (2004), p. 166-186.

ZBORNÍKY

KUDLIČKA, J. Energy flow of torsion waves in a transversely isotropic cylinder. In *Interaction and feedbacks 2004, Praha, 23-24 November, 2004*. Praha: ÚT AV ČR, 2004. ISBN 80-85918-91-9. p. 65-70.

MAZÚCH, T. O rekonštrukcii kmitavých sústav so spätnoväzobným tlmením z nameraných vlastných párov. In *Interaction and feedbacks 2004, Praha, 23-24 November, 2004*. Praha: ÚT AV ČR, 2004. ISBN 80-85918-91-9. p. 87-94.

PRODI, N. – VELECKÁ, S. A scale value for the balance between stage and pit and inside a historical opera house. Abstracts of the 147th meeting of the ASA, New York, May 2004. (Abstrakt.) In *The Journal of the Acoustical Society of America*. Vol. 115, no. 5 (2004), p. 2435.

WISZT, E. – WISZTOVÁ, E. The influence of fast excitation on vibration of a vertically hanging flexible rope. In *Interaction and feedbacks 2004, Praha, 23-24 November, 2004*. Praha: ÚT AV ČR, 2004. ISBN 80-85918-91-9. p. 221-226.

2003

PERIODIKÁ (CCC)

IHLÁROVÁ, I – JACOBSEN, F. An approximate method of modelling scattering by composite bodies. In *Journal of Sound and Vibration*. Vol. 262, no. 5 (2003), p. 1235-1241.

MAZÚCH, T. Powerful FE approaches for Pochhammer's dispersion modelling. In *International Journal for Numerical Methods in Engineering*. Vol. 57, no. 4 (2003), p. 555–576.

OSTATNÉ VEDECKÉ PERIODIKÁ

MAZÚCH, T. Approximative modelling of Rayleigh-Lamb waves dispersion. In *Inženýrská mechanika*. Vol. 10, no. 4 (2003), p. 285-294.

WISZT, E. – WISZTOVÁ, E. Paths in valuated graphs and their use in acoustics. In *Studies of the University of Žilina – Mathematical Series*. Vol. 16, no. 1 (2003), p. 107-114.

ZBORNÍKY

KUDLIČKA, J. Dispersion and energy flow of elastic waves in cylindrical laminated composites. In *Interaction and feedbacks .2003: proceedings of the X-th national seminar with international participation, Praha, 25–26 November, 2003*. Praha: IT AV ČR, 2003, p. 89-94.

MAZÚCH, T. FE approach for modelling of the cylinders flexural vibration. In *Numerical methods in continuum mechanics: proceedings of the 9th international conference, Žilina, 9–12 September, 2003*. Žilina: Society of Science Engineering, 2003. (CD)

MAZÚCH, T. The reconstruction of nonconservative system with feedback damping. In *Interaction and feedbacks .2003: proceedings of the X-th national seminar with international participation, Praha, 25–26 November, 2003*. Praha: IT AV ČR, 2003, p. 95-102.

WISZT, E. – WISZTOVÁ, E. The influence of internal damping and fast excitation on a linear string vibration. In *Interaction and feedbacks .2003: proceedings of the X-th national seminar with international participation, Praha, 25–26 November, 2003*. Praha: IT AV ČR, 2003, p. 201-208.