

Piotr Brzeski

Lista publikacji

z dnia 31 października 2014

Książki i monografie

1. Brzeski P., Perlikowski P., Kapitaniak T., **Two parameters numerical optimization of tuned mass absorbers coupled to nonlinear Duffing oscillator**, [w:] **Wybrane problemy naukowo-badawcze mechaniki i inżynierii materiałowej**, Wernik J., Politechnika Warszawska, Płock 2013, s. 251-264.

Publikacje w czasopismach

1. Brzeski P., Pavlovskaja E., Kapitaniak T., Perlikowski P., 2014, **The application of inerter in tuned mass absorber**, *International Journal of Non-Linear Mechanics* 70: s. 20-29
2. Koluda P., Brzeski P., Perlikowski P., 2014, **Dynamics of n coupled double pendula suspended to the moving beam**, *International Journal of Structural Stability and Dynamics* 14(8): s. 1440028
3. Brzeski P., Perlikowski P., Kapitaniak T., 2014, **Numerical optimization of tuned mass absorbers attached to strongly nonlinear Duffing oscillator**, *Communications in Nonlinear Science and Numerical Simulation* 19(1): s. 298-310
4. Sabarathinam S., Thamilmaran L., Borkowski L., Perlikowski P., Brzeski P., Stefański A., Kapitaniak T., 2013, **Transient chaos in two coupled, dissipatively perturbed Hamiltonian Duffing oscillators**, *Communications in Nonlinear Science and Numerical Simulation* 18(11): s. 3098-3107
5. Kapitaniak M., Brzeski P., Czolczynski K., Perlikowski P., Stefanski A., Kapitaniak T., 2012, **Synchronization thresholds of coupled self-excited nonidentical pendula suspended on the vertically displacing beam**, *Progress of Theoretical Physics* 128(6): s. 1141-1173
6. Brzeski P., Karmazyn A., Perlikowski P., 2012, **Synchronization of two forced double-well Duffing oscillators with attached pendulums**, *Journal of Theoretical and Applied Mechanics* 51(3): s. 603-613
7. Brzeski P., Perlikowski P., Yanchuk S., Kapitaniak T., 2012, **The dynamics of the pendulum suspended on the forced Duffing oscillator**, *Journal of Sound and Vibration* 331(24): s. 5347-5357