

Prehľad preukázateľných citácií a ohlasov na vedecké práce

Citácie

Citácie kategórie O1 (WoS, SCOPUS)

Citovaná publikácia: *Takács, Gergely - Rohal'-Ilkiv, Boris: Model Predictive Vibration Control : Efficient Constrained MPC Vibration Control for Lightly Damped Mechanical Structures. - 1st. ed. - London : Springer Verlag London, 2012. - 512 s. - ISBN 978-1-4471-2332-3*

1. x2013 Bisadi, M. - Baharom, S.: A parametric study on natural frequency of skewed railway bridge. In: Australian Journal of Basic and Applied Sciences. - ISSN 1991-8178. - Vol. 7, no. 2 (2013), s. 33-36. [o1]
2. x2013 Oria, R. - Otero, J. C. - Gonzáles, L. - Botaya, L. - Carmona, M. - Puig-Vidal, M.: Finte element analysis of electrically excited quartz tuning fork devices. In: Sensors. - ISSN 1424-8220. - Vol. 13, Iss. 6 (2013), s. 7156-7169. [o1]
3. x2013 Frankovský, Peter - Hroncová, Darina - Delyová, Ingrid - Virgala, Ivan: Modeling of Dynamic Systems in Simulation Environment MATLAB/Simulink ? SimMechanics. In: American Journal of Mechanical Engineering [elektronický zdroj]. - ISSN 2328-4110. - Vol. 1, No. 7. - , 2013, s. 282-288. [o1]
4. x2013 Jovanova, J. - Schirrer, A. - Kozek, M.: Multidisciplinary laboratory experiment for active vibration control with piezoelectric patches. In: IEEE EDUCON 2013 : Berlin, Germany, March 13-15, 2013. - [S.l.] : IEEE, 2013. - ISBN 978-1-4673-6110-1. - S. 1093-1097. [o1]
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Citácie prác v ostatných publikovaných dokumentoch [o3],[o4]

Citovaná publikácia: Takács, Gergely - Rohal'-Ilkiv, Boris: *Model Predictive Vibration Control : Efficient Constrained MPC Vibration Control for Lightly Damped Mechanical Structures.* - 1st.ed. - London : Springer Verlag London, 2012. - 512 s. - ISBN 978-1-4471-2332-3

8. x2013 Hari Krishnan, K. - Dhanaselvam, J.: An efficient electro mechanical coupling of parallel hybrid system using SCADA. In: *International Journal of Scientific & Engineering Research.* - ISSN 2229-5518. - Vol. 4, Iss. 5 (2013), s. 338-344. [o3]
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10. x2013 Sidorov, V.A.: Issledovanie vibracionnogo sostojanija mehanizma kačanija kristallizatora MNL. In: *Metallurgičeskije procesy i oborudovanije.* - ISSN 1816-1200. - Vol. 32, no. 2 (2013), s. 56-68. [o3]
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15. x2013 Stewart, Gregory - Shahed, Syed.M. - Borrelli, Francesco - Hampson, Gregory J.: Pedal position and/or pedal change rate for use in control of an engine : Patent number: US RE44,452 E, Date of reissued patent: Aug.27, 2013. - [S.l.] : USPTO, 2013. - 5 p. s. [o3]

Citovaná publikácia: Polóni, Tomáš - Takács, Gergely - Rohal'-Ilkiv, Boris: *Predictive Control of Mechatronic Systems with Fast Dynamics. In: Selected Topics on Constrained and Nonlinear Control. Textbook. - Bratislava : STU v Bratislave, 2011. - ISBN 978-80-968627-4-0. - S. 289-349*

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19. x2012 Frankovský, Peter - Hroncová, Darina - Delyová, Ingrid: Modelovanie dynamických programov. In: Strojárstvo - Strojírenství. - ISSN 1335-2938. - Roč. 16, č. 3 : príloha Extra (2012), s. 22-27. [o4]

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Pozvané prednášky

1. Takács, Gergely - Polóni, Tomáš - Rohaľ-Ilkiv, Boris: Adaptive model predictive vibration control with state and parameter estimation using extended Kalman filtering. In: ICSV20 [elektronický zdroj] : Proceedings of the 20th International Congress on Sound and Vibration, Bangkok, Thailand, 7-11 July 2013. - Bangkok : International Institute of Acoustics and Vibration, 2013. - ISBN 978-616-551-682-2. - CD ROM, [8] p. (AFA)
2. Takács, Gergely - Polóni, Tomáš - Rohaľ-Ilkiv, Boris: Pseudo real-time state and parameter estimation of a vibrating active cantilever using the moving horizon observer. In: ICSV 21 [elektronický zdroj] : proceedings of the 21st International Congress on Sound and Vibration. Beijing, China, 13-17 July, 2014. - Beijing : Acoustical Society of China, 2014. - ISBN 978-83-62652-66-2. - CD ROM, [8] p. (AFA)
3. Takács, Gergely - Rohaľ-Ilkiv, Boris: Real-time diagnostics of mechanical failure for thin active cantilever beams using low-cost hardware. In: Forum Acusticum [elektronický zdroj] : 7th Forum Acusticum. Krakow, Poland, 7-12 September 2014. - [s.l.] : European Acoustics Association, 2014. - ISSN 2221-3767. - CD ROM, [6] p. (AFA)

Ocenené prednášky a publikácie

1. Ocenenie za najlepšiu konferenčnú prednášku a najlepší článok, 7th Forum Acusticum 2014, Krakow, Poľsko, Európske Združenie Akustiky. Publikácia:
Takács, Gergely - Rohaľ-Ilkiv, Boris: Real-time diagnostics of mechanical failure for thin active cantilever beams using low-cost hardware. In: Forum Acusticum: 7th Forum Acusticum. Krakow, Poland, 7-12 September 2014. European Acoustics Association, 2014. - ISSN 2221-3767.
2. Ocenenie za najlepšiu konferenčnú prednášku, COMSOL Conference 2010, Bangalore, India, COMSOL AB. Publikácia:
Hulkó, Gabriel - Belavý, Cyril - Takács, Gergely - Zajíček, Peter: Control of technological and production processes modeled by COMSOL Multiphysics as Distributed Parameter Systems. In: COMSOL Conference 2010 : Proceedings. Bangalore /India/, October 29-30, 2010. - b.m. : ISBN 978-0-9825697-5-7.

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