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Title:

MECHANICAL SYSTEMS. DESIGN&RESEARCH TOWARDS 20-20-20

Domain: Mechanical Engineering

PUBLICATION LIST

RELEVANT PAPERS

1. **Velicu, R.**, Saulescu, R., Jurj, L. Contact point of bush-sprocket tooth depending on pitch differences of bush chain transmissions. 7th International Conference on Advanced Concepts in Mechanical Engineering IOP Publishing IOP Conf. Series: Materials Science and Engineering 147, 2016
2. **Velicu, R.**, Late , M. Time depending friction in bearing mountings, Revista: Applied Mechanics and Materials, vol. 823, Current Solutions in Mechanical Engineering (ICOME 2015), Trans Tech Publications Ltd. Switzerland, p. 79-84, ISSN:1662-7482, 2016
3. **Velicu, R.**, Popa, S. Experimental study of bearing boxes friction depending on load speed and oil temperature, Annals of the Oradea University, Fascicle of Management and Technological Engineering, Volume XXV, (XV) Oradea, 2016, p. 5-8, ISSN 158360691(e)
4. **Velicu, R.**, Late , M. On the Measurement Procedure for Testing Friction in Bearing Mountings, Annals of the Oradea University, Fascicle of Management and Technological Engineering, Volume XXIV, (XIV) Oradea, 2015
5. **Velicu, R.** Coaxial speed multipliers for wind turbines. Revista: Annals Of The Oradea University. Fascicle Of Management And Technological Engineering; p. 440-442, ISSN: 158360691(e) 2013
6. **Velicu, R.**, Moldovean, G., Lates, M., Gavrilă, C. The experience of Transilvania University of Braşov in the design of PV tracking systems revista: TEHNOLOGIA INOVATIVă ó Revista şConstruc ia de ma iniö nr. 2/2011, p. 28-34 ISSN: 057367419, 2011
7. **Velicu, R.**, Dual axes PV tracking system with rotational and linear actuator Annals of the Oradea University 2011, Fascicle of Management and Technological Engineering, vol X(XX), nr. 1, 2011, p. 3.115-3.120, ISSN 158360691(e)
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10. **Velicu, R.**, Bozan, C. Gear ratios of planetary double stepmultipliers for wind turbines from minimum volume criterion. Machine Design 2010, p. 137-140, 2010, ISSN 1821-1259

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2. Moldovean, Gh.,...**Velicu, R.** .a. Design of Straights Shafts from Mechanical Transmissions. Universitatea "Transilvania" din Brașov, 1995.
3. Chișu, E., Moldovean, Gh., Velicu, D., Mogan, Gh., Jula, A., Florea, V., Eftimie, E., **Velicu, R.**, Stroe, I. Intermitent Mechanical Couplings. Ed. Lux Libris, Brașov, 1998. ISBN 973-9240-58-5.
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1. **Velicu, R.**, Saulescu, R., Jurj, L. Contact point of bush-sprocket tooth depending on pitch differences of bush chain transmissions. 7th International Conference on Advanced Concepts in Mechanical Engineering IOP Publishing IOP Conf. Series: Materials Science and Engineering 147, 2016
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