

Universitatea Transilvania din Brasov

Facultaty Product Design and Environment

Department Product Design Mechatronics and Environment

Proposed topic for doctoral studies admission contest – September 2019

Doctoral field Mechanical Engineering

Doctoral coordinator prof.dr.ing. Radu VELICU

1. Friction between chain and guide
 - Forces in chain transmissions în transmisii prin lanț
 - Timing chains
 - Friction losses in chains (theory and testing).

References

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2. Hyakutake, T., Inagakia, M., Matsuda, M., Measurement of friction in timing chain, JSAE, Japan, p. 343-347, 2001.
3. Gafitanu, M., s.a, Organe de masini, vol. 2, Ed. Tehnica, Bucuresti, ISBN 973-31-1400-6, 973-31-1527-4, 2002.
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2. Friction in roller chains

- Forces in chain transmissions în transmisii prin lanț
- Timing chains
- Friction losses in chains (theory and testing).

References

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