

LISTA DE LUCRĂRI

Dr. Ing. Ioan-Cozmin MANOLACHE-RUSU

Lucrări publicate

1. I. Mihai, **I. C. Manolache-Rusu**, Proposed method to acquire an extended diagram for a gasoline engine, MECHANIKA, Vol. 19, nr. 2, (2013) pp. 215-222.
2. **I. C. Manolache-Rusu**, L. Pătuleanu, F. Andronic, I. Radion, Evaluation of termogas dynamic parameters for engine brake process, the 17th International Conference of New Technologies and Products In Machine-Manufacturing Technologies, "TEHNOMUS XVII" 17-18 May 2013, Suceava, România, pp. 270.
3. **I. C. Manolache-Rusu**, T. L. Severin, L. Pătuleanu, F. Andronic, Effect of exhaust valve timing and boost pressure on engine brake performance, the 17th International Conference of New Technologies and Products In Machine-Manufacturing Technologies, "TEHNOMUS XVII" 17-18 May 2013, Suceava, România, pp. 369.
4. **I. C. Manolache-Rusu**, C. Suci, L. Pătuleanu, F. Andronic, Influence of braking valve opening and closing angles upon torque, Journal of Engineering Studies and Research, Vol. 20, Nr. 1 (2014), pp. 45-51.
5. **I. C. Manolache-Rusu**, C. Suci, F. Andronic, L. Pătuleanu, I. Radion, New approach on mathematical modeling of jake brake process for diesel engines, Journal of Engineering Studies and Research, Vol. 20, Nr. 1 (2014), pp. 52-59.
6. L. Pătuleanu, **I. C. Manolache-Rusu**, F. Andronic, I. Radion, Heat transfer through mini and micro circular channels of CPU's cooling systems, Journal of Engineering Studies and Research, Vol. 20, Nr. 1 (2014), pp. 76-81.
7. F. Andronic, I. Mihai, **I. C. Manolache-Rusu**, L. Pătuleanu, I. Radion, Simulating passive suspension on an uneven track surface, Journal of Engineering Studies and Research, Vol. 20, Nr. 1 (2014), pp. 7-16.
8. L. Pătuleanu, **I. C. Manolache-Rusu**, F. Andronic, I. Radion, Heat transfer through the components of CPU's heat sink, the 17th International Conference of New Technologies and Products In Machine-Manufacturing Technologies, "TEHNOMUS XVII" 17-18 May 2013, Suceava, România, pp. 358.
9. L. Pătuleanu, F. Andronic, **I. C. Manolache-Rusu**, I. Radion, Heat transfer in the cooler-CPU interface, the 17th International Conference of New Technologies and Products In Machine-Manufacturing Technologies, "TEHNOMUS XVII" 17-18 May 2013, Suceava, România, pp. 379.

10. F. Andronic, **I. C. Manolache-Rusu**, L. Pătuleanu, Passive suspension modeling using Matlab, quarter car model, input signal step type, the 17th International Conference of New Technologies and Products In Machine-Manufacturing Technologies, "TEHNOMUS XVII" 17-18 May 2013, Suceava, România, pp. 258.

Teza de doctorat

Titlul tezei: „Cercetări privind frânarea de tip Jake la motoarele diesel”

Domeniul: Inginerie Mecanică

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Semnatura



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6.10.2017.