

## LISTA LUCRĂRILOR PROPRII LA CARE FACE REFERIRE TEZA DE DOCTORAT

Ing. Ioan-Daniel CĂRĂBAȘ

### Lucrări științifice publicate în Reviste indexate ISI

- [1] M. Nagi, I. D. Cărăbaș and E. Ghita, “The exploitation feature and the efficiency of the heat exchangers with sinousoidal fins”, in curs de publicare in JEPE.
- [2] E. Ghita, M. Nagi and I. D. Cărăbaș, “An analysis regarding the state of thermal stresses at wheel-rail contact in the railway transport”, in curs de publicare in JEPE.

### Lucrări științifice publicate în reviste de specialitate (BDI)

- [1] D. Carabas, M. Nagi, A. Irimescu, C. Moldoveanu, „FLUID DYNAMICS PERFORMANCE OF HEAT EXCHANGERS AS A FUNCTION OF FINS PITCH VARIATION”, Analele Universitatii “Constantin Brancusi” din Tirgu Jiu, editura “Academica Brancusi”, seria inginerie, nr. 3/2010, 5-6 Noiembrie 2010, pag 25-30
- [2] D. Carabas, M. Nagi, A. Irimescu, C. Caia, „THE INFLUENCE OF FINS PITCH VARIATION ON PERFORMANCE LEVELS OF ALUMINIUM HEAT EXCHANGERS”, Analele Universitatii “Constantin Brancusi” din Tirgu Jiu, editura “Academica Brancusi”, seria inginerie, nr. 3/2010, 5-6 Noiembrie 2010, pag 31-36

### Lucrări publicate în volumele unor manifestări științifice (Proceedings) din străinătate (țări UE sau comparabile)

- [1] M. Nagi, D. Carabas, P. Ilies, E. Ghita, “ Research regarding thermal and hydrodynamic performance levels of surfaces with sinuous fins for automotive heat exchangers”, Annals of DAAAM for 2010 & PROCEEDINGS, Published by DAAAM International, vol 21, Vienna, Austria, 20-23 octombrie 2010, ISSN 1726-9679, ISBN 978-3-901509-73-5, pag. 459-460.
- [2] E. Ghita, M. Nagi, D. Carabas, P. Ilies, “The residual state of stress in old railroads for public transport by tram vehicles”, Annals of DAAAM for 2010 & PROCEEDINGS, Published by DAAAM International, vol 21, Vienna, Austria, 20-23 octombrie 2010, ISSN 1726-9679, ISBN 978-3-901509-73-5, pag. 1109-1110
- [3] D. Cărăbaș, M. Nagi, C. Ander -EXPERIMENTAL RESEARCH OF „ENTRANCE EFFECT” IN CASE OF HEAT EXCHANGERS WITH WAVY FINS- The 35th Annual Congress of the American Romanian Academy of Arts and Sciences (ARA) Universitatea “Politehnica” Timișoara, Romania July 6-11, 2011 École Polytechnique de Montréal Montréal, Québec ISBN 978-2-553-01596-0

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- [1] O. Saftoiu, M. Nagi, D. Carabas, „Influenta depunerilor din interiorul tevilor asupra functionarii condensatorului turbinei cu abur de 330 MW”, Conferinta nationala de termotehnica, editia a XVII-a, ISBN 978-973-598-522-6, editura Univresitati Transilvania din Brasov Romania, 21-22 mai 2009 pag 109-114.
- [2] O. Saftoiu, M. Nagi, D. Carabas, „Functionarea condensatorului turbinei cu abur de 330 MW la variatia debitului apei de racire”, Conferinta nationala de termotehnica, editia a

XVII-a, ISBN 978-973-598-522-6, editura Univresitati Transilvania din Brasov Romania, 21-22 mai 2009 pag 115-118.

- [3] M. Nagi, T. Stanciu, D. Carabas, I.I. Laza, „Experimental researches upon tube in tube heat exchangers performances type”, International conference of mechanical engineering,978-606-510-878-3,Editura Universitatea Craiova, Romania,Tom 2, Aprilie 2010, pag. 631-634.
- [4] M. Nagi, P. Ilies, D Carabas, „The influence of radiators width over thermal and fluid-dynamics performances”, International conference of mechanical engineering,978-606-510-878-3,Editura Universitatea Craiova, Romania,Tom 2, Aprilie 2010, pag. 697-702.
- [5] M. Nagi, D. Carabas, P. Ilies, „Wavy finspitch influence on water-air heat exchanger performance”, Buletinul Institutului Politehnic din Iasi, publicat de Universitatea tehnica »Gheorghe Asachi « din Iasi, Tomul LVI(LX) FASC. 3b, Mai 2010, pag 161-166.
- [6] Nagi M., Carabas D., Laza I.I., Ilies P. -Researches considering “entrance effect”in case of heat exchangers wavy fins- Scientific bulletin of the “Politehnica”University of Timisoara, Romania, Transactions on Mechanical, Tom 54(68) Fasc. 4, 2009, ISSN 1224-6077, pag. 17-22
- [7] M. NAGI, P, ILIES, D. CARABAS -CRITICAL CONSIDERATIONS ON THE FLUID FLOW WITHIN RECOVERY HEAT EXCHANGERS- Termotehnica, ISSN-L 1222-4057, editura Agir, Craiova, Romania, Anul XV, nr. 1/2011
- [8] D. CARABAS, C. ANDER, N. URICANU, M. NAGI, I. HITICAS -EXPERIMENTAL RESEARCH REGARDING THE INFLUENCE OF AMBIENT TEMPERATURE ON EMISSIONS LEVELS FOR SPARK IGNITION ENGINES POWERED VEHICLES- Termotehnica, ISSN-L 1222-4057, editura Agir, Craiova, Romania, Anul XV, nr. 1/2011
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- [11] M. NAGI, D. IORGA, D. CARABAS, A. IRIMESCU, I. I. LAZA -SIMULATION OF A PASSENGER CAR PERFORMANCE AND EMISSIONS USING THE AVL-CRUISE SOFTWARE- Termotehnica, ISSN-L 1222-4057, editura Agir, Craiova, Romania, Anul XV, nr. 1/2011
- [12] M. NAGI, O. SAFTOIU, D. CARABAS, A. IRIMESCU -OPERATION OF A 330 MW STEAM TURBINE CONDENSER WITH REDUCED NUMBER OF PIPES- Termotehnica, ISSN-L 1222-4057, editura Agir, Craiova, Romania, Anul XV, nr. 1/2011
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- [14] Ghita E, Nagi M, Carabas D. -ASPECTS REGARDING THE STATE OF THERMAL STRESSES AT WHEEL-RAIL CONTACT IN THE RAILWAY TRANSPORT- Balkan

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