

Conf.dr. Teodor Silviu Groșan

Lista publicațiilor

A. Articole publicate în reviste indexate ISI

- 1) A. Postelnicu, T. Groșan and I. Pop, Free convection boundary layer over a vertical permeable flat plate in a porous medium with internal heat generation, *Int. Comm. Heat Mass Transfer*, 27, 729-738, 2000.
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- 4) I. Pop, A. Postelnicu and T. Groșan, Thermosolutal Marangoni forced convection boundary layers. *Meccanica*. Vol. 36, pp. 555-571, 2001.
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- 12) S.R. Pop, T. Grosan, I. Pop, Effect of Variable Viscosity on Free Convection Flow in a Horizontal Porous Channel with a Partly Heated or Cooled Wall, *Revista de Chimie*, Vol.59, pp. 1210-1212, 2008.
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- 15) C. Revnic, T. Grosan, J. Merkin and I. Pop, Mixed convection near an axisymmetric stagnation point on a vertical cylinder, *Journal of Engineering Mathematics*, Vol. 64, pp. 1-13, 2009.
- 16) C.Revnic, T.Grosan, I.Pop and D.B. Ingham, Free convection in a square cavity filled with a bidisperse porous medium, *Int. J. Thermal Sciences*, Vol. 48, pp. 1876-1883, 2009.
- 17) T. Grosan, · C. Revnic, · I. Pop, and D.B. Ingham, Magneto hydrodynamics oblique stagnation-point flow, *Meccanica*, Vol. 44, pp. 565 – 572, 2009.

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- 24) T. Grosan, I. Pop, Fully Developed Mixed Convection in a Vertical Channel Filled by a Nanofluid, *Journal of Heat Transfer (ASME)*, Volume 134, Issue 8, 082501 (5 pages), 2012, <http://dx.doi.org/10.1115/1.4006159>
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- 28) T. Grosan, J.H. Merkin, I. Pop, Mixed convection boundary-layer flow on a horizontal flat surface with a convective boundary condition, *Meccanica*, Vol. 48, pp. 2149–2158 , 2013.
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- 38) O. Capatina, T. Grosan, R. Trimbitas, Wind Potential determination in a known area, *Proceedings of 2008 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2008)*, 22-25 May 2008, Vol. 3, pp. 296-299, Digital Object Identifier 10.1109/AQTR.2008.4588931
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- 45) S.R. Pop, T. Grosan, I. Pop, Radiation Effects on the Flow near the Stagnation Point of a Stretching Sheet, *Technische Mechanik*, Vol. 25, pp.100-106, 2005.
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- 63) C.Revnic, T.Grosan and I. Pop: Unsteady boundary layer flow and heat transfer over a stretching sheet: heat flux case, *Revue d'Analyse Numérique et de Théorie de l'Approximation*, vol.36, pp. 175-186, 2007.
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F. Cărți publicate în edituri naționale și internaționale

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