



Aliakbar Abbasian Arani

Professor

College: Faculty of Mechanical Engineering

Department: Mechanical Engineering - Heat and Fluid

Papers in Conferences

1. Ali Akbar ABBASIAN ARANI, Jafar AMANI, and Mohammad HEMMAT ASFEH ,Effects of inclination angle of horizontal wall on natural convection in enclosures ,3th. Annual Iranian Mechanical Engineering Conference, NCME2010 ,Faculty of Engineering, Islamic Azad University, Khomeinishahr, Iran ,November 2010.
2. Ali Akbar ABBASIAN ARANI, Jafar AMANI, and Mohammad HEMMAT ASFEH ,Numerical study of natural convection heat transfer in a cavity at variable angle of inclination ,3th. Annual Iranian Mechanical Engineering Conference, NCME2010 ,Faculty of Engineering, Islamic Azad University, Khomeinishahr, Iran ,November 2010.
3. Ali Akbar ABBASIAN ARANI, Jafar AMANI, and Mohammad HEMMAT ASFEH ,Numerical study of inclination angle of top wall on flow field and temperature in trapezoidal enclosure ,3th. Annual Iranian Mechanical Engineering Conference, NCME2010 ,Faculty of Engineering, Islamic Azad University, Khomeinishahr, Iran ,November 2010.
4. Ali Akbar ABBASIAN ARANI, Miesame AMINI, Mostafa MAHMOODI, and Mohammad Hassan KASHIHA ,Numerical study of natural convective heat transfer in square cavity with two vertical cold wall and hot source at variable position ,2nd National Iranian Mechanical Engineering Conference, NCME2009 ,Faculty of Engineering, Islamic Azad University, Khomeinishahr, Iran ,November 2009.
5. Ali Akbar ABBASIAN ARANI, and Mohammad HEMMAT ASFEH ,Natural convection around a heated round cylinder in square cavity filled with nanofluid ,14th Conference on Fluid Dynamics, FD2012 ,The University of Birjand, Birjand, Iran ,May, 01-03.
6. Ali Akbar ABBASIAN ARANI, A.H. Niroumand, H. Teimouri, A.Z. Maghsoudi ,STUDY OF NANOFLUID LAMINAR FORCED CONVECTION IN A HORIZONTAL CHANNEL WITH HOT PROTRUDING BAFFLES ON TOP AND BOTTOM WALL ,13th International Conference on Diffusion in Solids and Liquids, DSL2010 ,The University of Birjand, Birjand, Iran ,May, 01-03.
7. Ali Akbar ABBASIAN ARANI, Arash Ardeshiri, Amir Hossien Niroumand, H. Teimouri ,Optimization of heat source location inside a lid driven square cavity filled with nanofluid and variable property ,14th Conference on Fluid Dynamics, FD2012 ,The University of Birjand, Birjand, Iran ,May, 01-03.
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,Noushirvani-e- Babol University of Technology, Babol, Iran ,Avril 26-29 2009.

11. Ali Akbar Abbasian Arani, Mehrdad Kazemi, Mohammad Adibi, Sajjad Mirzaei ,NUMERICAL STUDY OF NATURAL CONVECTION AND ENTROPY GENERATION INSIDE CAVITY CONSIDERING OBLIQUE OBSTACLE ,17th Conference On Fluid Dynamics, fd2017 ,Shahrood University of Technology, Shahrood, Iran ,Aug, 27-29.
12. Ali Akbar Abbasian Arani, Mohammad Adibi, Masih Shekaramiz, Mehrdad Kazemi, Sajjad Mirzaei ,NUMERICAL INVESTIGATION ON FLOW CHARACTERISTICS OF RIB-GROOVED TWISTED TAPE CHANNEL FIELED WITH Mg(OH)₂ –ETHYLENE GLYCOL ,17th Conference On Fluid Dynamics, fd2017 ,Shahrood University of Technology, Shahrood, Iran ,Aug, 27-29.
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24. A. Ardeshti, A.A. Abbasian Arani, A.H. Niroumand ,OPTIMAL LOCATION of HEAT SOURCES on a VETICAL WALL of a LID-DRIVEN CAVITY FILLED with AL₂O₃-WATER NANOFLUID ,International Congress on Nanoscience & Nanotechnology (ICNN2012) ,Kashan, I. R. Iran ,8 - 10 September 2012.

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51. Ali Akbar Abbasian Arani, Sara Beheshti Lashkariani ,Non-certainty effect of thermo-physical properties on convection fluid flow and heat transfer in triangular cavity ,23th Annual International Conference on Mechanical Engineering-ISME2015 ,University of Technology, Department of Mechanical Engineering, Tehran, Iran ,22-24 May 2015.
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