



## Aliakbar Abbasian Arani

Professor

College: Faculty of Mechanical Engineering

Department: Mechanical Engineering - Heat and Fluid

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### Papers in Conferences

1. ABBAS BEHZADI ,Thermal and Draft Calculation for Optimization of Existing CRU Heaters by Modification in Common Duct Considering Energy saving ,The 32th Annual International Conference of Iranian Society of Mechanical Engineers ,1 - 09 05 2024, اراک .
2. 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.
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5. 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.
6. Ali Akbar ABBASIAN ARANI, A.H. Niroumand, H. Teimouri, A.Z. Maghsoudi ,STUDY OF NANOFUID 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.
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12. 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.
13. 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)<sub>2</sub> –ETHYLENE GLYCOL ,17th Conference On Fluid Dynamics, fd2017 ,Shahrood University of Technology, Shahrood, Iran ,Aug, 27-29.
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24. A.A. Abbasian Arani, M. Naderi Beni, S. Nazari ,Effects of the Step Heights and Different Nanofluids on Laminar Forced Convection Flow in a Backward Facing Step ,International Congress on Nanoscience & Nanotechnology (ICNN2012) ,Kashan, I. R. Iran ,8 - 10 September 2012.

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30. Ali Akbar Abbasian Arani, Mohammadamin Atarzadehm, Behnam Habibnejad Deldari ,Numerical analysis of turbulent characteristics water/aluminum oxide in horizontal U-tube ,The 27th Annual International Conference of Iranian Society of Mechanical Engineers-ISME2019 ,Tehran, Iran ,30 April- 2 May, 2019.
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53. Ali Akbar Abbasian Arani, Arash Ardeshiri, Mahmoud Abbaszadeh ,Optimization of combined convection heat transfer in cavity with discrete heat source filled with Nanofluids ,23th Annual International Conference on Mechanical Engineering-ISME2015 ,Amirkabir University of Technology, Department of Mechanical Engineering, Tehran, Iran ,22-24 May 2015.
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