Picture

The Curriculum Vitae

Name: Gazy Faissal Saloomy AL-SUMAILY

Date of Birth: 7/12/1971
Marital status: Married
Place of work: University of Technology / Baghdad
Languages spoken: Arabic - English

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Academic Record

B.Sc. Mechanical Engineering, 1993.
M.Sc. Mechanical Engineering (Air-conditioning), 1998.
Ph.D. Mechanical Engineering (Heat Transfer), 2013.

Science degrees

- Assistant lecturer – 1998.
- Senior lecturer – 2006.

Experience

Reviewing:

I am working as a reviewer for journal articles in the field of heat transfer in porous media for high-rank international journals such as:

- *International Journal of Heat and Mass Transfer.*
- *Journal of Porous Media.*

Researches and Books

Research area:

Fluid dynamics, convection heat transfer, porous media, turbulence modeling, air-conditioning and refrigeration systems design.

Researches:

1. Gazy., F. Al-Sumaily, (2005), "Prediction of Laminar flow and heat transfer in axially non-uniform inner annuli", ***Eng. & Technology Journal***, University of Technology, Baghdad.
2. Waheed, S. Mohammed, Gazy, F. Al-Sumaily, Abdel-Jabar M. Ahmed, (2005), "The effect of size and location of heating source on the buoyant flow in a heated space", ***Eng. & Technology Journal***, University of Technology, Baghdad.
3. Gazy, F. Al-Sumaily, Ali, L. Ekaid., (2005)," Prediction of Natural convection in an enclosure partitioned by an adiabatic baffle", ***Eng. & Technology Journal***, University of Technology, Baghdad.
4. Ali, L. Ekaid., Gazinga, F. Al-Barzinji, Gazy, F. Al-Sumaily, (2006), "Numerical study of buoyancy effect in the entrance region of Rectors fuel rods arranged in

square array", ***Association of Arab Universities Journal of Engineering***, Baghdad University, Baghdad. (Arabic language)

5. Gazy F. Al-Sumaily, Justin Leontini, John Sheridan and Mark C. Thompson, "Time Dependent Fluid Flow and Heat Transfer around a Circular Heated Cylinder Embedded in a Horizontal Packed Bed of Spheres", ***AIP Conference Proceedings***, 1254, pp 331-336, Montecatini, Italy, (2010).
6. Gazy F. Al-Sumaily, John Sheridan and Mark C. Thompson, "Validation of Thermal Equilibrium Assumption in Forced Convection Flow over a Cylinder Embedded in a Porous Medium", ***In the 9TH Australian Heat and Mass Transfer Conference-9AHMTC***, Monash University, Melbourne, Victoria, Australia, November 2-4, (2011).
7. Gazy, F. Al-Sumaily, John, S., Mark, C. Thompson, (2012), "Analysis of forced convection heat transfer from a circular cylinder embedded in a porous medium", ***International Journal of Thermal Sciences,*** Vol. (51) , pp. 121-131.
8. Gazy, F. Al-Sumaily, Akira, N., John, S., Mark, C. Thompson, (2012), "The effect of porous media particle size on forced convection from a circular cylinder without assuming local thermal equilibrium between phases", ***International Journal of Heat and Mass Transfer***, vol. (55), pp 3366–3378.
9. Gazy, F. Al-Sumaily, John, S., Mark, C. Thompson, (2013), "Validation of thermal equilibrium assumption in forced convection steady and pulsatile flows over a cylinder embedded in a porous channel", ***International Communications in Heat and Mass Transfer***, vol. (43), pp 30–38..
10. Gazy, F. Al-Sumaily, Mark, C. Thompson, (2013), "Forced convection from a circular cylinder in pulsating flow with and without the presence of porous media", ***International Journal of Heat and Mass Transfer***, vol. (61), pp 226–244.
11. Gazy, F. Al-Sumaily, (2014) , "Forced convection heat transfer from a bank of circular cylinders embedded in a porous medium", ***Journal of Heat Transfer***, vol. (136), pp 042602-(1-11).
12. Gazy, F. Al-Sumaily, Mark, C. Thompson, (2014), "Benard convection from a circular cylinder in a packed bed", ***International Communications in Heat and Mass Transfer***, vol (54), pp 18-26.
13. Gazy, F. Al-Sumaily, Hasanen M. Hussein, Mark, C. Thompson, (2014), "Validation of Thermal Equilibrium Assumption in Free Convection Flow over a Cylinder Embedded in a Packed Bed", ***International Journal of Heat and Mass Transfer***, under consideration for publication.