

Dr. G. K. Sharma.

List of Publications

1. G. K. Sharma, S. P. Sukhatme; "Combined free and forced convection heat transfer from heated tube to transverse air stream", J. of Heat Transfer, Trans. ASME Vol. 91, Series C. No.3, p. 457, 1969.
2. G. K. Sharma, V. S. Protopopov; "Teplo obmena pri estestvennoi konveksii v usloviyakh bol'shogo ob'emna pri cverkhriticheskom davlenii," otchyot, Moskovskii Energeticheskii Institute, Moscow, 1973.
3. V. S. Protopopov, G. K. Sharma; "Nekotorye rezul'taty eksperimental'nogo issledovaniya teplootdachi pri estestvennoi konveksii v okolokriticheskoi oblasti," Teploobmen i gidrodinamika, Trudi, Moskovskovo Energeticheskogo Institute, Vol. 235, p. 2, 1975.
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6. V. S. Protopopov, G. K. Sharma, "Eksperimental'noe issledovanie teplootdachi ot vertikalnoi poverkhnosti k dovuokisi uqleroda pri estestvennoi konveksii v sverkh kriticheskoi oblasti parametrov sostoyaniya", Teplofizika Visokikh Temperatur (Akademiya Nauk, USSR), Tom 14, No.4 p. 782, 1976.
7. A. S. Shinde, G. K. Sharma, "Performance of honey comb type flat plate collector with serpentine tube", Proc. Fourth National Heat and Mass Transfer Conference, Roorkee, Nov. 1977.
8. T. R. Seetharam, G. K. Sharma, "Numerical predictions of free convective heat transfer from vertical surfaces to fluids in the near-critical region", Proc. Fourth National Heat and Mass Transfer Conference, Roorkee, Nov. 1977.
9. R. J. Bhatt, G. K. Sharma, G. P. Reddy, "Analytical investigation of solidification of castings in moulds", Proc. Fourth National Heat and Mass Transfer Conference, Roorkee, Nov. 1977.

10. T. R. Seetharam, G. K. Sharma; "An analytical investigation of free convective heat transfer from vertical surface to supercritical helium-4", Third National Seminar on Cryogenics, Dec. 1977.
11. T. R. Seetharam, G. K. Sharma; "Free convective heat transfer to fluids in the near critical region from vertical surface with uniform heat flux", Int. J. Heat and Mass Transfer, 22, 1, p. 13, 1979.
12. J. N. Badbade, G. K. Sharma, K. G. Narayankhedkar; "Design, fabrication and testing of heat exchanger for low temperature application", Third National Symposium on Cryogenics, Vishakhapatnam, Dec. 1978.
13. N. D. Vora, G. P. Reddy, G. K. Sharma; "Theoretical and experimental investigation of solidification of aluminium castings in metallic molds", Proc. Fifth National Heat and Mass Transfer Conference, Hyderabad 1980.
14. G. S. Deshpande, G. K. Sharma; "Theoretical investigation of natural convection heat transfer to super critical helium under constant wall heat flux conditions", Fourth National Symposium on Cryogenics, Bombay, Dec. 1979.
15. S. Rao, G. K. Sharma, K. G. Narayankhedkar, "Experimental investigation of the performance of a tube-in-tube type heat exchanger for cryogenic application", Fourth National Symposium on Cryogenics, Bombay, Dec. 1979.
16. S. P. Sukhatme, S. G. Kandlikar, G. K. Sharma; S. Arun Kumar; "Performance studies on a flat plate collector array with booster mirrors and an associated hot water thermal storage tank", Proc., National Solar Energy Convection, Bombay, 1979.
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20. M. P. Bhale Rao, K. G. Narayankhedkar, G. K. Sharma; "Experimental performance studies on a heat exchanger for cryogenic application", Fifth National Symposium on Cryogenics, Lucknow, Jan. 1980.
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22. T. R. Seetharam, G. K. Sharma; "Heat Transfer by turbulent free convection from a plane vertical surface to near critical carbon-di-oxide", Seventh International Heat Transfer Conference, Munich, Germany, 1982.
23. S. P. Sukhatme, G. K. Sharma, R. R. Kulkarni; "Performance studies on an absorption refrigeration system", The Journal of Thermal Engineering, Vol. 2, No.4, p. 105, 1982. .
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