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7.1 Introduction 7.2 Heat transfer to or from laminar flows in pipes 7.3 Turbulent pipe flow 7.4 Heat transfer surface viewed as a heat exchanger 7.5 Heat transfer coefficients for noncircular ducts 7.6 Heat transfer during cross flow over cylinders 7.7 Finding and assessing correlations for other configurations Problems References

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Source: Data adapted and modified from F. P. Incropera, and D. P. DeWitt, Introduction to Heat Transfer, 5th ed., Wiley, New York, 2002. TABLE A.6 Thermophysical Properties of R134a as Liquid and Vapour along the Saturation Line T δ ...

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FIND: (a) The heat flux through a 2 ... PROBLEM 1.1 KNOWN: Thermal conductivity, thickness and temperature difference across a sheet of rigid extruded insulation. Slideshare uses cookies to improve functionality and performance, and to provide you with relevant advertising.

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