

For example, formulae for heat-transfer coefficients in oblique flow to a tube bundle, and the formula of Brandt (FDBR-Handbuch, Wärme-und Strömungstechnik Mai 1972, F222) for subcooled flow perpendicular to a tube bundle, could usefully be included.

The chapter which I found the least satisfying, although still useful, is the one on Boiling and Condensation. I would like to have seen a more complete account, including, for example: subcooled boiling heat-transfer correlation of Jens and Lottes (1951); heat division parameter, Bowring (1962); criteria between saturated boiling heat transfer and film boiling heat transfer; formulae for the superheated region (Heinemann), etc. Due to the increasing importance of two-phase heat transfer, and to the lack of a corresponding handbook on the subject, the author might care, in a future edition of the book, to include a separate chapter on such formulae (or to combine it with the Boiling and Condensation chapter). The inclusion of such topics as convection heat transfer in annular flow, prediction of burnout, etc which the author apparently believed to be beyond the scope of this book, would be truly useful (a starting point for relevant information could be a recent treatise on *Two-Phase Flow and*

*Heat Transfer* Atomic Energy Research Establishment, Harwell Series, edited by D. Butterworth and G. E. Hewitt, Oxford University Press, 1977).

The present treatment uses S.I. units throughout, and the process of understanding has been aided by a brief presentation, at the beginning of each chapter, of the essential facts and the basic principles pertaining to heat transfer. Many useful references supporting this discussion help the reader to find more detailed information on special subjects. Notation and definition of heat-transfer terms (I found a few of the latter not very rigorous), also given in each chapter, can be read with profit by newcomers to the field.

Whatever small criticisms one can make of the book, the author has certainly provided us with a comprehensive and valuable compendium of information for practising engineers, research organizations, consulting engineering offices, and students at various academic levels.

There is no doubt that it will be referred to often as the source of information on the more popular and well established formulae in use.

At £4.95 this book is good value.

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## ERRATUM

D. J. Shlien and S. Corrsin, Dispersion measurements in a turbulent boundary layer, *Int. J. Heat Mass Transfer* **19**(3), 285–295 (1976).

The values given on page 293, first column, eighth line from the bottom (as well as the appropriate values given in the

Abstract and Conclusions) should read:

"1.7, 1.4, 1.6, 1.2" instead of "0.80, 0.73, 0.82, 0.56".

Also in the line just above it, " $0.6u^*\delta$ " should read " $0.06u^*\delta$ ", a typographical error.