

one's way about although it is rather a large book. All papers included are informative, free from serious misprints and errors, with up-to-date references. They differ in quality of typeface but they are all clear with fair diagrams and well laid out mathematical formulae.

The book is likely to become a good reference for all engaged in industrial design and in applied heat and mass transfer research.

It is gladly recommended to anyone who is seeking guidelines for designing many types of heat exchangers, and to the academics who wish to develop advanced courses in this applied field.

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NAIM AFGHAN (Editor), Archives of Heat Transfer.
Hemisphere, 1988.

THIS VOLUME is published to mark the Twentieth Anniversary of the International Centre for Heat and Mass Transfer. Annual symposia at Herceg Novi and at Dubrovnik on selected areas of the subject have provided a noteworthy contribution to a more leisurely exchange of information on heat and mass transfer than is afforded by most international conferences. The volume marks each year from 1968 to 1987 with a comment from the Chairman of the symposium committee and with a paper, selected by him, which is intended to represent the state of the art at that time, or which in retrospect had great impact on the subject.

Clearly this is not the volume to turn to for a comprehensive and coherent account of any specific field of heat or mass transfer: that is not its intention. There are certainly

several papers that made a notable contribution to the subject and that will invite re-reading not merely for their historical interest: for example Kutateladze on turbulent boundary layers in the limit of low viscosity, Rohsenow on condensation of liquid metal vapours, Petukhov on mixed convection. Others provide a useful introduction for non-specialists—Brenner on suspension rheology, and Mayinger on liquid/gas interfacial heat transfer. However, it must be said that much of the material will already be on the shelves of those who have been in the habit of attending other international heat transfer conferences, or who have subscribed to the many review volumes on the subject.

The 'Chairman's comments' provide an opportunity to look back and place the content of their symposium in context with our current understanding—more particularly in the case of the earlier symposia. In some cases this opportunity has been grasped, but in others the contribution is a summary that might well have been written immediately after the symposium. In many cases no mention is made of the paper they selected as representative or important; indeed one suspects that in one case either the Chairman's selection has been misinterpreted, or he has chosen to illustrate how wrong a prediction can be in retrospect! (Professor Styrikovich commenting on a symposium on modern energy systems).

I cannot recommend the volume to the reader who seeks a general review of progress over the past 20 years, or who wishes to have on his shelves a collection of the most significant contributions to the subject in this period. Habitues of the International Centre must judge for themselves whether it is a fitting momento.

W. B. HALL
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