

Book review

Annual Review of Fluid Mechanics, Volume 1, 1969. Edited by W. R. Sears and M. Van Dyke. Published by Annual Reviews Inc., Palo Alto, California, USA, 459 pages, price \$9.00.

This is the first volume of the new series of Annual Reviews of Fluid Mechanics, published by Annual Reviews Inc. It contains a large number of articles on subjects of current interest, all written by distinguished workers in the field. The authors were asked to provide substantive reviews rather than reports on new research, on the one hand, or surveys of the literature, on the other.

The seventeen contributions are:

Fluid mechanics in the first half of this century, by S. Goldstein,

Buoyant plumes and thermals, by J. S. Turner,

Laminar separation, by S. N. Brown and K. Stewartson,

Stratified flows, by Chia-Shun Yih,

Electrohydrodynamics: A review of the role of interfacial shear stresses, by J. R. Melcher and G. I. Taylor,

The formation of sediment ripples, dunes, and antidunes, by J. F. Kennedy,

Boundary-layer transition, by Itiro Tani,

Hydrodynamic noise, by J. E. Ffowcs Williams,

Blood flow, by R. T. Jones,

Shear-flow turbulence, by O. M. Phillips,

Higher-order boundary-layer theory, by M. Van Dyke,

Surface-tension-driven phenomena, by V. G. Levich and V. S. Krylov,

The transition from continuum to molecular flow, by F. S. Sherman,

The aerodynamics of turbo-machinery, by W. R. Hawthorne and R. A. Novak,

Drag reduction by additives, J. L. Lumley,

Shock waves and radiation, by Ya. B. Zel'dovich and Yu. P. Raizer,

Hydromechanics of aquatic animal propulsion, by M. J. Lighthill.

This new series of Annual Reviews will certainly be welcomed warmly by all workers in the field of fluid mechanics.

H. W. Hoogstraten