Books received

Computational Galerkin Methods, *C. A. J. Fletcher*, DM 88, $32.90, pp 320, Springer-Verlag

Heat and Mass Transfer in Rotating Machinery, *eds D. E. Metzger and Naim H. Afgan*, DM 198, $73.90, pp 722, Hemisphere/Springer-Verlag

Introduction to Thermal Sciences, *F. W. Schmidt, R. E. Henderson and C. H. Wolgemuth*, £25.40, pp 461, John Wiley

Computational Methods in Turbomachinery, £22.00 UK (£28.50 non-UK), pp 270, Mechanical Engineering Publications

Turbulent Shear Flows 3, *eds L J. S. Bradbury, F. Durst, B. E. Launder, F. W. Schmidt and J. H. Whitelaw*, DM 140, $56.00, pp 329, Springer-Verlag

Fundamentals of Heat Transfer in Energy Systems, *eds M. S. Kazimi and O. C. Jones Jr.*, $18.00, pp 66, ASME

Natural Convection in Enclosures – 1983, *eds I. Catton and K. E. Torrance*, $24.00, pp 118, ASME

Return Passages of Multi-Stage Turbomachinery, *ed P. Nykorowytsch*, $20.00, pp 70, ASME

Numerical Methods for Fluid Transient Analysis, *ed C. S. Martin and M. H. Chaudhry*, $20.00, pp 86, ASME

Three Dimensional Turbulent Shear Flows, *eds S. Carmi, A. Hamed, J. Herring and F. Peterson*, $30.00, pp 164, ASME

Heat Exchangers for Two-phase Applications, *eds J. B. Kitto Jr. and J. M. Robertson*, $34.00, pp 172, ASME

Numerical Heat Transfer, *T. M. Shih*, DM 114, £44.70, pp 580, Springer-Verlag/Hemisphere

Heat Conduction, *U. Grigull and H. Sandner*, DM 89, $32.40, pp 207, Springer-Verlag/Hemisphere

Fluid Machinery for the Oil, Petrochemical and Related Industries, £26 UK (£34 non-UK), pp 283, Mechanical Engineering Publications

Compressible Internal Flow, *D. S. Miller*, £17.50 (£20 outside EEC), pp 75, BHRA

Inclusion of a title in this section does not necessarily preclude subsequent review

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FIFTH SYMPOSIUM ON

turbulent /hear flow/

Cornell University, Ithaca, New York, USA August 7-9, 1985
CALL FOR PAPERS

The *5th Symposium on Turbulent Shear Flows* aims to advance understanding of the physics of turbulent motion and capabilities for predicting momentum, heat and mass transport processes in turbulent shear flows of engineering importance.

Approximately 20 technical sessions are planned. Contributed papers are invited on original work in the following general areas:-

Fundamentals:	New measurements, theories or concepts that illuminate the nature of turbulence
Turbulence Models:	New developments in single- or two-point closures; large eddy and other numerical simulations
Heat and Pollutant Transport:	Experimental or theoretical/numerical work on physics of scalar transport by turbulence; particular interest in interacting scalar processes
Combustion:	Physical aspects of turbulence effects on flames and combustion influences on turbulence
Experimental Techniques:	New and improved experimental techniques for measurements in turbulent flows

Special sessions are planned on:
- Drag reduction and turbulence management
- Large amplitude, periodic flows and transient flows
- Numerical analysis of recirculating and 3-dimensional flows

ABSTRACTS: Papers selection will be based upon a reviewed, extended abstract of at least 1000 words which should be typed double-spaced and state clearly the purpose, results and conclusion of the work with supporting figures as appropriate. Five copies of the abstract should be submitted to:

Professor F.W. Schmidt, Secretary Turbulent Shear Flow Symposium
Department of Mechanical Engineering
The Pennsylvania State University
University Park, PA 16802, USA

DEADLINES:	Final date for receipt of abstracts:	Nov 15, 1984
	Authors informed concerning acceptance:	March 15, 1985
	Final date for receipt of camera-ready manuscripts:	May 31, 1985