

## **BOOKS< JOURNALS < REPORTS IN FLUID MECHANICS at GENERAL LIBRARY of UPRM**

Advances in fluid mechanics : proceedings of a conference held at Aachen, March 26-28, 1980 / edited by E. Krause. Berlin ; New York : Springer-Verlag, 1981. BIB Call Number: QC138 .A38 1981 ISBN: 038711162X (U.S. : pbk.)

Advances in fluid Mechanics V Wit Press 2004 BIB Call Number: ISBN: 1853127043 202.40

Aerodynamic generation of sound [videorecording] / [presented by] the National Committee For Fluid Mechanics Films ; James Lighthill, John Ffowcs-Williams ; producer/director, John Friedman ; produced by Education Development Center. Chicago, Ill. : Released by Encyclopaedia Britannica Educational Corp., [198-?], c1969.

Annual review of fluid mechanics. Palo Alto, Calif., Annual Reviews, inc. [1969] BIB Call Number: QC145 .A57 ISBN:

Annual review of heat transfer. New York : Hemisphere Pub. Corp., c1990- BIB Call Number: QA901 .A56 ISBN: 084939905X

Applied scientific research. Dordrecht, The Netherlands [etc.]. Kluwer Academic Pub. [1966] BIB Call Number: TA349 .A68

Bio-fluid mechanics / editor, H. Power. Southampton ; Boston : Computational Mechanics Publications, c1995. BIB Call Number: QP90.5 .B54 1995 ISBN: 1562522108 (Boston) : \$155.00

Boiling heat transfer in steam-generating units and heat exchangers: a symposium arranged by the Nuclear Energy, Steam Plant, and Thermodynamics and Fluid Mechanics Groups, 15th-16th September 1965. London, Institution of Mechanical Engineers, [1966] BIB Call Number: TJ1 .I5 1965-66, vol. 180, pt. 3C ISBN:

Boundary element methods in fluid dynamics Computational Mechanics 1994 BIB Call Number: ISBN: 1562521764

Boundary layer control [videorecording] / David C. Hazen ; [Educational Services] [Chicago, Ill. : Released by Encyclopaedia Britannica Educational Corporation], 1965.

Cavitation [videorecording] / produced by Education Development Center Incorporated [under the direction of] the National Committee for Fluid Mechanics Films. Chicago, Ill. : Encyclopaedia Britannica Educational Corp. [distributor, 1988?]

Channel flow of a compressible fluid [videorecording] / [presented by] the National Committee for Fluid Mechanics Films ; Donald Coles ; produced and directed by Alan H. Pesetsky ; produced by Educational Services Incorporated. Chicago, Ill. : Encyclopaedia Britannica Educational Corp. [distributor, 1988?], c1965. BIB Call Number: QA911 .C47 1988 ISBN:

Chemical engineering for the food industry / edited by P.J. Fryer, D.L. Pyle, and C.D. Rielly. London : Blackie Academic & Professional, 1997. BIB Call Number: ISBN: 0412495007 : \$142.13

Computer modelling of seas and coastal regions / editor, P.W. Partridge. Southampton ; Boston : Computational Mechanics Publications ; London ; New York : Elsevier Applied Science ; New York : Elsevier Science Pub. Co. [distributor], c1992. BIB Call Number: GC10.4.M36 C66 1992 ISBN: 1853121649 (Computational Mechanics Publications, Southampton)

Correlation of laser velocimeter measurements over a wing with results of two prediction techniques / Danny R. Hoad ... [et al.]. Washington : National Aeronautics and Space Administration, Scientific and Technical Information Office ; Springfield, Va. : for sale by the National Technical Information Service, 1978.

Current research in cavitating fluid films [microform] / edited by D.E. Brewster, J.H. Ball, M.M. Khonsari. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : National Technical Information Service, distributor, 1990]

Deformation of continuous media [videorecording] / [presented by] the National Committee for Fluid Mechanics Films ; John L. Lumley ; directed by Quentin Brown ; produced by Educational Services Incorporated. Chicago, Ill. : Released by Encyclopaedia Britannica Educational Corp. [distributor], [198-?], c1963.

Development of a three-dimensional supersonic inlet flow analysis / R.C. Buggeln ... [et al.] ; prepared for Lewis Research Center under contract NAS3-21003. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1980.

Dynamics of polymeric liquids. New York : Wiley, c1977. BIB Call Number: TA357 .D95 ISBN: 047107375X

Eulerian and lagrangian descriptions in fluid mechanics [videorecording] / [presented by] the National Committee for Fluid Mechanics Films ; John L. Lumley ; produced and directed by, Alan H. Pesetsky ; produced by Education Development Center, Incorporated. Chicago, Ill. : Released by Encyclopaedia Britannica Educational Corp., [198-?], c1968.

Experimental and analytical research on the external fluid mechanics of ocean thermal energy conversion plants... / Gerhard H. Jirka ...[et al.] [Washington] : Energy Research and Development Administration, Division of Solar Energy ; Springfield, Va. : for sale by the National Technical Information Service, 1976-

Experimental data and model for the turbulent boundary layer on a convex, curved surface / J.C. Gillis ... [et al.] ; prepared for Lewis Research Center under grants NSG-3124 and NAG 3-3. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

Finite element methods for convection dominated flows : presented at the winter annual meeting of the American Society of Mechanical Engineers, New York, New York, December 2-7, 1979 / sponsored by the Applied Mechanics Division, ASME ; edited by T. J. R. Hughes. New York, N.Y. : ASME, c1979. BIB Call Number: QA911 .F44 ISBN:

Finite elements in fluids, v.8 / edited by T. J. Chung. Washington, D.C. : Hemisphere Publishing Corporation, c1992. BIB Call Number: ISBN: 0891168508 : \$192.03

Flow instabilities [videorecording] / Erik Mollo-Christensen ; produced by Education Development Center, Inc. Chicago, Ill. : Encyclopedia Britannica Educational Corp. [distributor, 1988?], c1968. BIB Call Number: QA911 .F55 1988 ISBN:

Flow visualization [videorecording]/ Educational Services. [Chicago, Ill. : Encyclopaedia Britannica Educational Corporation], 1963. BIB Call Number: ISBN:

Fluid mechanics / edited by Frank Kreith. Boca Raton, Fla. : CRC Press, c2000. BIB Call Number: TA357 .F577 2000 ISBN: 084930055X

Fluid mechanics measurements / edited by Richard J. Goldstein. Washington : Hemisphere Pub. Corp., c1983. BIB Call Number: TA357 .F684 1983 ISBN: 0891162445

The Fluid mechanics of drag videorecording / Ascher H. Shapiro. Chicago, Ill. : Encyclopaedia Britannica Educational Corp., 1960. BIB Call Number: ISBN:

Fluid mechanics source book / Sybil P. Parker, editor in chief. New York : McGraw-Hill Book Co., c1988. BIB Call Number: TA357 .F582 1988 ISBN: 0070455023 : \$39.60

Fluid pressure Videorecording / NHK Educational Film Segments. Princeton, NJ : Films For The Humanities, [198?]

Fluid structure interaction in offshore engineering / editor: S.K. Chakrabarti. Southampton ; Boston : Computational Mechanics Publications, c1994. BIB Call Number: TC1665 .F58 1994 ISBN: 1853122807 (Southampton) : \$113.85

Flujo de fluidos en válvulas, accesorios y tuberías / preparado por la división de ingeniería de CRANE ; traducción VALFISA. México : McGraw-Hill Interamericana, 1992. BIB Call Number: ISBN: 9684518463 : \$49.00

Fundamentals of boundary layers [videorecording] / [presented by] National Committee For Fluid Mechanics Films ; Frederick Abernathy ; produced and directed by Victor Komow, John Friedman ; produced by Education Development Center Incorporated. Chicago, Ill. : Encyclopaedia Britannica Educational Corp., [distributor] [198-?], c1968.

Fundamentals of nursing : human health and function / [edited by] Ruth F. Craven, Constance J. Hirnle. Philadelphia : Lippincott Williams & Wilkins, c2003. BIB Call Number: RT41 .C86 2003 ISBN: 0781735815 : \$110.38

Gravity waves in water of finite depth / editor, J.N. Hunt. Southampton ; Boston : Computational Mechanics Publications, c1997. BIB Call Number: ISBN: 185312351X : \$15.00

Handbook of fluids in motion / edited by Nicholas P. Cheremisinoff, Ramesh Gupta. Ann Arbor, Mich. : Ann Arbor Science, c1983. BIB Call Number: QC145.3 .H36 1983 ISBN: 0250404583

The handbook of mechanical engineering / staff of Research & Education Association ; M. Fogiel, director. Piscataway, N.J. : Research & Education Association, c1999. BIB Call Number: TJ151 .H3268 1999 ISBN: 0878919805 : \$46.12

Heat and fluid flow. [London, Birmingham, Ala., Mechanical Engineering Publications LTD, for the Institution of Mechanical Engineers] [1971] BIB Call Number: TJ260 .H37 ISBN:

Impact of new computing systems on computational mechanics : presented at the Winter Annual Meeting of the American Society of Mechanical Engineers, Boston, Massachusetts, November 13-18, 1983 / sponsored by the Applied Mechanics Division, and the Computer Engineering Division, ASME ; edited by Ahmed K. Noor. New York : American Society of Mechanical Engineers, 1983.

Integral methods in science and engineering / edited by Fred R. Payne ... [et al.]. Washington : Hemisphere Pub. Corp., c1986.

Journal of fluid mechanics. Cambridge New York, Cambridge University Press [etc.] [1956] BIB Call Number: QA901 .J87

Journal of fluids engineering. New York, NY: American Society of Mechanical Engineers, c1973-BIB Call Number: TA357 .T69

Laboratory analysis of fluid flow and solute transport through a variably saturated fracture embedded in porous tuff [microform] / prepared by Y. Chuang. Washington, DC : Division of Engineering, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, 1990.

Laminar and turbulent boundary layers / editor, Matiur Rahman. Southampton ; Boston : Computational Mechanics Publication, c1997. BIB Call Number: TA357.5.T87 L36 1997 ISBN: 1853122947 : \$104.00

Low Reynolds number flows [videorecording] / produced by Educational Services Incorporated [under the direction of] the National Committee for Fluid Mechanics Films. Chicago, Ill. : Encyclopaedia Britannica Educational Corporation [distributor ; 1988?]

Magnetohydrodynamics [videorecording] / [presented by] the National Committee for Fluid Mechanics Films. ; J. Arthur Shercliff ; produced and directed by John Friedman ; produced by Educational Services Incorporated. Chicago, Ill. : Released by Encyclopaedia Britannica Educational Corp., [198-?], c1965.

Mantle convection : plate tectonics and global dynamics / edited by W.R. Peltier. New York : Gordon and Breach Science Publishers, c1989. BIB Call Number: QE509 .M2618 1989 ISBN: 0677221207 \$194.68

Mathematical techniques for water waves / editor, B.N. Mandal. Southampton ; Boston : Computational Mechanics Publications, c1997. BIB Call Number: QA927 .M33 1997 ISBN: 1853124133 : \$172.00

Mechanics of fluids videorecording / by Hunter Rouse, script. Iowa : State University of Iowa, [19--?].

Nonlinear ocean waves / editor, W. Perrie. Southampton ; Boston : Computational Mechanics Publications, c1998. BIB Call Number: GC211.2 .N65 1998 ISBN: 1853124141 : \$139.00

Nonlinear water wave interaction / edited by O. Mahrenholtz and M. Markiewicz. Southampton, UK : WIT Press ; Billerica, MA : Computational Mechanics, c1999. BIB Call Number: QA927 .N6593 1999 ISBN: 1853125458 (WIT Press)

Numerical methods for advection--diffusion problems / edited by Cornelis B. Vreugdenhil and Barry Koren. Braunschweig : Vieweg, c1993. BIB Call Number: QA901 .N86 1993 ISBN: 3528076453 \$111.49

Numerical simulations of three-dimensional laminar flow over a backward facing step; flow near side walls [microform] / Erlendur Steinthorsson ... [et al.]. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : National Technical Information Service, distributor, 1993]

Ocean waves engineering / edited by M. Rahman. Southampton ; Boston : Computational Mechanics Publications, c1994. BIB Call Number: TC1665 .O26 1994 ISBN: 1853122858 (Southampton)

The Physics of fluids. Woodbury, N.Y. [etc.] American Institute of Physics. [1958] BIB Call Number: QC175 .P5 ISBN:

Potential flow of fluids / editor, M. Rahman. Southampton ; Boston : Computational Mechanics Publications, c1995. BIB Call Number: QC145.2 .P67 1995 ISBN: 1853123560 (Southampton)

Potential theoretic methods for far field sound radiation calculations [microform] / S.I. Hariharan ... [et al.]. Cleveland, Ohio : NASA, Lewis Research Center, ICOMP ; [Springfield, Va. : National Technical Information Service, distributor, 1995]

Pressure fields and fluid acceleration [videorecording] / produced by Education Development Center [under the direction of the National Committee for Fluid Mechanics Films. Chicago, Ill. : Encyclopaedia Britannica Educational Corp. [distributor, 1988?]

Proceedings of the Institution of Civil Engineers. London : Published for the Institution of Civil Engineers by Thomas Telford Services, c1992- BIB Call Number: TA357 .P76 ISBN: <http://www.thomastelford.com/jol/>

PROTEUS two-dimensional Navier-Stokes computer code microform : version 1.0. Cleveland, Ohio : NASA Lewis Research Center, Internal Fluid Mechanics Division, Computational Methods Branch ; Springfield, Va. : For sale by the National Technical Information Service, [1990]

Rarefied gas dynamics [videorecording] / [presented by] the National Committee for Fluid Mechanics Films ; Frederick S. Sherman ; Franklin C. Hurlbut ; produced and directed by Alan H. Pesetsky ; produced by Education Development Center. Chicago, Ill. : Encyclopaedia Britannica Educational Corp. [distributor], [198-?], c1967.

Recent developments in theoretical and experimental fluid mechanics : compressible and incompressible flows / edited by U. Müller, K. G. Roesner, B. Schmidt. Berlin ; New York : Springer-Verlag, 1979.  
BIB Call Number: TA357 .R37 ISBN: 3540092285

Rheological behavior of fluids [videorecording] / [presented by] the National Committee for Fluid Mechanics Films ; Hershel Markovitz ; directed by Quentin Brown ; produced by Educational Services Incorporated. Chicago, Ill. : Encyclopaedia Britannica Educational Corp. [distributor], [198-?], c1964.

Rotating flows [videorecording] / [presented by] the National Committee for Fluid Mechanics Films ; Dave Fultz ; producer-director, Alan H. Pesetsky ; produced by Education Development Center. Chicago, Ill. : Released by Encyclopaedia Britannica Educational Corp., [198-?], c1969.

Secondary flow [videorecording] / [presented by] the National Committee for Fluid Mechanics Films ; Edward S. Taylor ; directed by Quentin Brown ; [produced by] Educational Services Incorporated. Chicago, Ill. : [Distributed by] Encyclopaedia Britannica Educational Corp., [198-?], c1964. [1964]

Sedimentation of small particles in a viscous fluid / editor, E.M. Tory. Southampton ; Boston : Computational Mechanics Publications, c1996. BIB Call Number: QA929 .S43 1996 ISBN: 1853123579 (Southampton) : \$141.00

Stratified flow [videorecording] / [presented by] The National Committee for Fluid Mechanics Films ; Robert R. Long ; produced and directed by Richard Bergman ; produced by Education Development Center Incorporated. Chicago, Ill. : Released by Encyclopaedia Britannica Educational Corp., [198-?], c1968.

Surface tension in fluid mechanics [videorecording] / produced by Education Development Center [under the direction of] the National Committee for Fluid Mechanics Films. Chicago, Ill. : Encyclopaedia Britannica Educational Corp. [distributor, 1988?], c1969. BIB Call Number: QC183 .S87 1988 ISBN:

Surface waves and fluxes / edited by G.L. Geernaert, W.J. Plant. Dordrecht ; Boston : Kluwer Academic Publishers ; Norwell, MA, U.S.A. : Sold and Distributed in the U.S.A. and Canada by Kluwer Academic Publishers, 1990.  
BIB Call Number: QC157 .S94 1990 ISBN: 0792308069 (set : alk. paper)

Time-dependent nonlinear convection / editor, Peder A. Tyvand. Southampton ; Boston : Computational Mechanics Publications, c1998. BIB Call Number: QC330 .T56 1998 ISBN: 1853125210 : \$123.00

Turbulence [videorecording] / produced by Education Development Center [under the direction of] the National Committee for Fluid Mechanics Films. Chicago, ILL. : Encyclopaedia Britannica Educational Corp. [distributor, 1988?]

Turbulence compressibility corrections [microform] / T.J. Coakley ... [et al.]. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center ; [Springfield, Va. : National Technical Information Service, distributor, 1994]

Vorticity videorecording / produced by Educational Services Incorporated ; Ascher H. Shapiro ; directed by Jack Churchill. [Chicago, Ill.] : Encyclopaedia Britannica Educational Corp., [198-?]

Waves in fluids [videorecording] / [presented by] The National Committee for Fluid Mechanics Films ; Arthur E. Bryson ; directed by Quentin Brown ; produced by Educational Services Incorporated. Chicago, Ill. : [Distributed by] Encyclopaedia Britannica Educational Corp., [198-?], c1964. BIB Call Number: ISBN: \$275.00

Adair, Desmond. Characteristics of merging shear layers and turbulent wakes of a multi-element airfoil microform / Desmond Adair, W. Clifton Horne. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1988]

Aeropropulsion '91 (1991 : Aeropropulsion '91 [microform] : proceedings of a conference held at NASA Lewis Research Center, Cleveland, Ohio, March 20-21, 1991. [Washington, D.C.] : National Aeronautics and Space Administration, Office of Management, Scientific and Technical Information Division ; [Springfield, Va. : For sale by the National Technical Information Service], 1991.

Albertson, Maurice L. Fluid mechanics for engineers [by] Maurice L. Albertson, James R. Barton [and] Daryl B. Simons. Englewood Cliffs, N.J., Prentice-Hall, 1960. IB Call Number: QA901 .A35 ISBN:

Alembert, Jean Le Rond d', 1717-1783. Traité de l'équilibre et du mouvement des fluides. Pour servir de suite au Traité de dynamique. Par M. d'Alembert. Paris, David, (Bruxelles, Culture et civilisation, 1744) BIB Call Number: QA901 .A385 1966

Alexandrou, Andreas N. Principles of fluid mechanics / Andreas N. Alexandrou. Upper Saddle River, N.J. : Prentice Hall, c2001. BIB Call Number: QA901 .A382 2001 ISBN: 013801762X : \$119.02

Alter, Stephen J. Single block three-dimensional volume grids about complex aerodynamic vehicles [microform] / Stephen J. Alter, K. James Weilmuenster. Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center ; [Springfield, Va. : National Technical Information Service, distributor, 1993]

AMS-IMS-SIAM Joint Summer Research Conference in the Mathematical Sciences on Current Progress in Hyperbolic Systems: Riemann Problems and Computations (1988 : Current progress in hyperbolic systems, Riemann problems and computations : proceedings of the AMS-IMS-SIAM joint summer conference held July 16-22, 1988 with support from the National Science Foundation and the Office of Naval Research / W. Brent Lindquist, editor. Providence, R.I. : American Mathematical Society, c1989. B Call Number: QA927 .A47 1988 ISBN: 0821851063

AMS-IMS-SIAM Joint Summer Research Conference in the Mathematical Sciences on the Connection between Infinite and Finite Dimensional Dynamical Systems (1987 : The connection between infinite dimensional and finite dimensional dynamical systems : proceedings of the AMS-IMS-SIAM joint summer research conference held July 19-25, 1987, with support from the National Science Foundation and the Air Force Office of Scientific Research / Basil Nicolaenko, Ciprian Foias, Roger Temam, editors. Providence, R.I. : American Mathematical Society, c1989. IB Call Number: QA614.8 .A47 1987 ISBN: 0821851055

Anderson, D. M. Diffuse-interface methods in fluid mechanics [microform] / D.M. Anderson, G.B. McFadden, A.A. Wheeler. Gaithersburg, MD : U.S. Dept. of Commerce, Technology Administration, National Institute of Standards and Technology, [1997]

Anderson, Dale A. 1936- Computational fluid mechanics and heat transfer / Dale A. Anderson, John C. Tannehill, Richard H. Pletcher. Washington : Hemisphere Pub. Corp. ; New York : McGraw-Hill, c1984. BIB Call Number: QA901 .A53 1984 ISBN: 0070503281

Applied Mechanics, Bioengineering, and Fluids Engineering Conference (1983 : Cavitation and multiphase flow forum, 1983 : presented at the Applied Mechanics, Bioengineering, and Fluids Engineering Conference, Houston, Texas, June 20-22, 1983 / sponsored by the Polyphase Flow Committee and the Fluid Machinery Committee of the Fluids Engineering Division, ASME ; edited by J.W. Hoyt. New York, N.Y. (345 E. 47th St., New York 10017) : American Society of Mechanical Engineers, c1983. BIB Call Number: TA357 .A66 1983a ISBN:

Aris, Rutherford. Vectors, tensors, and the basic equations of fluid mechanics. Englewood Cliffs, N. J. : Prentice-Hall, 1962. BIB Call Number: QA911 .A69

ASME International Computers in Engineering Conference and Exposition (1989 : Computers in engineering 1989 : proceedings of the 1989 ASME International Computers in Engineering Conference and Exposition, July 30- August 3, 1989, Anaheim, California / sponsored by Computers in Engineering Division, ASME ; editors D.R. Riley, T.J. Cokonis ; associate editors, G. Gabriele, ... et al. New York, N.Y. (345 E. 47th St., New York 10017) : American Society of Mechanical Engineers, c1989. BIB Call Number: ISBN: 0791803570 \$77.90

Astarita, Giovanni. Principles of non-Newtonian fluid mechanics [by] G. Astarita [and] G. Marrucci. London, New York, McGraw-Hill [1974]BIB Call Number: QA929.5 .A87 ISBN: 0070840229

Australasian Conference on Hydraulics and Fluid Mechanics 1962 : Hydraulics and fluid mechanics; proceedings. Edited by Richard Silvester. New York, Macmillan, 1964. BIB Call Number: TC160 .A89 1962 ISBN:

Avis, Lee M. A space-time tensor formulation for continuum mechanics in general curvilinear, moving, and deforming coordinate systems / Lee M. Avis ; Langley Research Center. Washington : National Aeronautics and Space Administration ; Springfield, Va. : for sale by the National Technical Information Service, 1976.

Azad, Ram S. The atmospheric boundary layer for engineers / by Ram S. Azad. Dordrecht ; Boston : Kluwer Academic Publishers, c1993. BIB Call Number: QC880.4.B65 A93 1993 ISBN: 0792321871 (acid-free paper) : \$178.18

Azbel, David. Fluid mechanics and unit operations / by David S. Azbel, Nicholas P. Cheremisinoff. Ann Arbor, Mich. : Ann Arbor Science, c1983. BIB Call Number: TP156.F6 A97 1983 ISBN: 0250405415

Baer, Melvin R. Aerodynamic heating of high-speed flywheels in low-density environments / Melvin R. Baer, Fluid Dynamics [i.e. Mechanics] and Heat Transfer Division 5512, Sandia Laboratories ; prepared by Sandia Laboratories for the United States Department of Energy. Albuquerque, N.M. : Dept. of Energy, Sandia Laboratories ; [Springfield, Va. : for sale by the National Technical Information Service], 1978.

Baines, Peter G. Topographic effects in stratified flows / Peter G. Baines. Cambridge ; New York : Cambridge University Press, 1995. BIB Call Number: QC151 .B24 1995 ISBN: 0521629233 : \$38.17  
<http://www.loc.gov/catdir/description/cam026/94031640.html> <http://www.loc.gov/catdir/toc/cam024/94031640.html>

Baines, Peter G. Topographic effects in stratified flows / Peter G. Baines. Cambridge ; New York : Cambridge University Press, 1994. BIB Call Number: QC151 .B24 1994 ISBN: 0521435013 : \$60.85

Baker, A. J., 1936- Finite element computational fluid mechanics / A.J. Baker. Washington : Hemisphere Pub. Corp., c1983. BIB Call Number: TA357 .B27 1983 ISBN: 0070034656 : \$27.95 (est.)

Baker, A. J. Finite element analysis of aeronacoustic jet-flap flows / A/ J. Baker and P. D. Manhardt ; Computational Mechanics Consultants, inc. [Washington] : National Aeronautics and Space Administration, Scientific and Technical Information Office ; Springfield, Va. : for sale by the National Technical Information Service, 1977.

Barenblatt, G. I. 'Scaling phenomena in fluid mechanics' / Grigory Isaakovich Barenblatt. Cambridge ; New York, NY : Cambridge University Press, 1994. BIB Call Number: ISBN: 0521469201 (pbk) : £3.00 : Formerly CIP

Benson, Rowland S. Internal combustion engines : a detailed introduction to the thermodynamics of spark and compression ignition engines, their design and development / Rowland S. Benson and N. D. Whitehouse. Oxford ; New York : Pergamon Press, c1979. BIB Call Number: ISBN: 0080227171

Benson, Thomas J. On the use of computers for teaching of fluid mechanics [microform] / Thomas J. Benson. [Washington, D.C.] : NASA; [Springfield, Va. : National Technical Information Service, distributor, 1994]

Bernoulli, Daniel, 1700-1782. Hydrodynamics, by Daniel Bernoulli & Hydraulics, by Johann Bernoulli. Translated from the Latin by Thomas Carmody and Helmut Kobus. Pref. by Hunter Rouse. New York, Dover Publications [1968]  
BIB Call Number: QC144 .B613 1968 ISBN:

Bertin, John J., 1938- Engineering fluid mechanics / John J. Bertin. Englewood Cliffs, N.J. : Prentice-Hall, c1987. BIB Call Number: TA357 .B47 1987 ISBN: 0132787717

Bertin, John J., 1938- Engineering fluid mechanics / John J. Bertin. Englewood Cliffs, N.J. : Prentice-Hall, c1984. BIB Call Number: TA357 .B47 1984 ISBN: 0132788128 : \$32.95

Bianca, J. D. Dynamic flow model for low-BTU gasification of coal for electric power systems / J. D. Bianca, W. P. Bauver, II, J. G. McGowan. [Washington] : Dept. of Energy ; Springfield, Va. : for sale by the National Technical Information Service, 1977, i.e. 1979-

Binder, Raymond C. Fluid mechanics [by] Raymond C. Binder. Englewood Cliffs, N.J., Prentice-Hall [1973]  
BIB Call Number: QA901 .B5 1973 ISBN: 0133225941

Biomedical Fluid Mechanics Symposium (1966 : Biomedical Fluid Mechanics Symposium; [papers] New York, American Society of Mechanical Engineers [1966]

Blake, William K. Mechanics of flow-induced sound and vibration / William K. Blake. Orlando, Fla. : Academic Press, 1986. BIB Call Number: TA357 .B56 1986 ISBN: 0121035018 (v.1)

Blottner, Frederick Gwynn, 1932- Calculation of real gas properties for MHD channel flows / F. G. Blottner, Fluid Mechanics and Heat Transfer Division I, D. E. Larson, Aerodynamics Simulation Division, Sandia Laboratories ; prepared by Sandia Laboratories for the United States Department of Energy. Albuquerque, N.M. : Dept. of Energy, Sandia Laboratories ; [Springfield, Va. : for sale by the National Technical Information Service], 1978.

Botez, Dan. Studies of single-mode injection lasers and of quaternary materials / prepared for Langley Research Center under contract NAS1-15440. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982-

Boyd, Ronald D. Forced-air cooling of a WIPP mine drift / Ronald D. Boyd, Fluid Mechanics & Heat Transfer Division 1261, Sandia Laboratories. Albuquerque, N.M. Dept. of Energy, [Office of the Secretary for Defense Programs], Sandia Laboratories, 1978.

Bradshaw, P. 1935- Experimental fluid mechanics [by] P. Bradshaw. Oxford, Pergamon Press; New York, Macmillan [c1964]  
BIB Call Number: TA357 .B7 1964 ISBN:

Brenkert, Karl. Elementary theoretical fluid mechanics. New York, Wiley [1960] BIB Call Number: QA901 .B79

Brewe, David E. Effect of shaft frequency on cavitation in a journal bearing for noncentered circular whirl microform / David E. Brewe and M. M. Khonsari. [Washington, D.C.] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1987]

Brewe, David E. Theoretical and experimental comparison of vapor cavitation in dynamically loaded journal bearings microform / David E. Brewe, Bernard J. Hamrock and Bo A. Jacobson. [Washington, DC] : National Aeronautics and Space Administration ; [St. Louis, Mo.] : US Army Aviation Systems Command ; [Springfield, Va. : For sale by the National Technical Information Service, 1985]

Brown, Robert Alan, 1934- Fluid mechanics of the atmosphere / Robert A. Brown. San Diego : Academic Press, c1991.  
BIB Call Number: QC880 .B776 1991 ISBN: 0121370402

Brun, Edmund Antoine, 1898- Mecánica de los fluídos / Brun, Martinot-Lagarde, Mathieu ; traducción, Luis Virto Albert ... [et al.] Barcelona : Labor, 1979-1980. BIB Call Number: ISBN: 843356417X

Brutsaert, Wilfried, 1934- Evaporation into the atmosphere : theory, history, and applications / Wilfried Brutsaert. Dordrecht, Holland ; Boston : Reidel ; Hingham, MA : Sold and distributed in the U.S.A. and Canada by Kluwer Boston, c1982.  
BIB Call Number: QC915.6 .B78 ISBN: 9027712476

Burner, Alpheus W. Phase control during reconstruction of holographically recorded flow fields using real-time holographic interferometry / A.W. Burner and W.K. Goad. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

Bursik, Joseph W. Effects of various assumptions on the calculated liquid fraction in isentropic saturated equilibrium expansions / Joseph W. Bursik and Robert M. Hall. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1980.

Cabannes, Henri. Curso de mecánica general; preparatorio y superior. Traducción de la 2da. ed. francesa por Luis Ibáñez Morlán. Barcelona, Montanes y Simón [1967]

Calderón, Andrés, 1950- Steady flow in rapidly rotating rectangular ducts with small divergence / Andres Calderón. 1976.

Canadian Applied Mathematics Society. International Conference 1990 : Ocean waves mechanics, computational fluid dynamics and mathematical modelling : proceedings of the eleventh International Annual Conference of the Canadian Applied Mathematics Society held May 29-June 1, 1990, at the Halifax Hilton, Technical University of Nova Scotia, Halifax, Nova Scotia, Canada / edited by M. Rahman. Southampton ; Boston : Computational Mechanics, 1990. ISBN: 1853120650 : \$200.00

Carlson, A. B. Implementation of a vibrationally linked chemical reaction model for DSMC [microform] / A.B. Carlson, G.A. Bird. Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center ; [Springfield, Va. : National Technical Information Service, distributor, 1994]

Celenligil, M. Cevdet. Direct simulation of three-dimensional flow about the AFE vehicle at high altitudes microform / M. Cevdet Celenligil, James N. Moss, Graeme A. Bird. Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1988]

Chaussee, D. S. Numerical simulation of viscous supersonic flow over a generic fighter configuration microform / Denny S. Chaussee, Gordon Blom, John Wai. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center ; [Springfield, Va. : For Sale by the National Technical Information Service], 1985.

Cheatwood, F. McNeil. The addition of algebraic turbulence modeling to program LAURA [microform] / F. McNeil Cheatwood, R.A. Thompson. Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center ; [Springfield, Va. : National Technical Information Service, distributor, 1993]

Chevray, Rene. Topics in fluid mechanics / Rene Chevray, Jean Mathieu. Cambridge, CB ; New York, NY, USA : Cambridge University Press, 1993. BIB Call Number: QA901 .C525 1993 ISBN: 0521410827 (hardback)

Chima, Rodrick V. Comparison of two- and three-dimensional flow computations with laser anemometer measurements in a transonic compressor rotor / Rodrick V. Chima and Anthony J. Strazisar. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

Chitsomboon, Tawit. Effects of artificial viscosity on the accuracy of high-Reynolds-number [ $\kappa$ - $\epsilon$ ] turbulence model [microform] / Tawit Chitsomboon. Cleveland, Ohio : NASA, Lewis Research Center, Institute for Computational Mechanics in Propulsion ; [Springfield, Va. : National Technical Information Service, distributor, 1994]

Cho, Y-C. Personal computer (PC) based image processing applied to fluid mechanics microform / Y-C Cho and B.G. McLachlan. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1987]

Chorin, Alexandre Joel. A mathematical introduction to fluid mechanics / A. J. Chorin and J. E. Marsden. New York : Springer-Verlag, c1979. BIB Call Number: QA901 .C53 ISBN:

Chubb, Donald L. Liquid sheet radiator microform / Donald L. Chubb and K. Alan White, III. [Washington, D.C.] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1987]

Claus, Russell W. Response of a chemically reacting layer to streamwise vorticity microform / Russell W. Claus. Cleveland, Ohio : National Aeronautics and Space Administration, Lewis Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1989]

Coantic, Michel F. An introduction to turbulence in geophysics and air-sea interactions / by Michel F. Coantic. Neuilly sur Seine, France : North Atlantic Treaty Organization, Advisory Group for Aerospace Research and Development, 1978. BIB Call Number: ISBN: 9283512847

Cooke, Charlie H. A simplified model for the viscous crossflow in a slotted test section / Charlie H. Cooke ; prepared for Langley Research Center under grant NSG-1517. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

Crawford, Davis H. Some recent developments in the prediction of shock interaction phenomena at hypersonic speeds / Davis H. Crawford. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

Creel, Theodore R. Effects of a modified leading edge on noise and boundary-layer transition in a rod-wall sound shield at mach 5 / Theodore R. Creel, Jr., Barbara B. Holley, and Ivan E. Beckwith. Washington, D.C. : NASA, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

Csanady, G. T. Circulation in the coastal ocean / G.T. Csanady. Dordrecht, Holland ; Boston : D. Reidel Pub. Co. ; Hingham, MA : Sold and distributed in the U.S.A. and Canada by Kluwer Boston, c1982. BIB Call Number: GC228.5 .C74 1982 ISBN: 9027714002

Currie, Iain G. Fundamental mechanics of fluids / I.G. Currie. New York : McGraw-Hill, c1993. BIB Call Number: QA901 .C8 1993 ISBN: 0070150001

Daily, James W. Fluid dynamics [by] James W. Daily [and] Donald R. F. Harleman. Reading, Mass., Addison-Wesley [1966] BIB Call Number: QC151 .D22 ISBN:

Dash, Sanford M. Computational models for the viscous/inviscid analysis of jet aircraft exhaust plumes / Sanford M. Dash, Harold S. Pergament, and Roger D. Thorpe ; prepared for Langley Research Center under contract NAS1-14794. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1980.

Dash, Sanford M. Fully-coupled analysis of jet mixing problems / Sanford M. Dash and David E. Wolf. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

Daugherty, Robert L. 1885- Fluid mechanics with engineering applications / Robert L. Daugherty, Joseph B. Franzini, E. John Finnemore. New York : McGraw-Hill, c1985. BIB Call Number: TA357 .D37 1985 ISBN: 0070154414 : \$23.50 (est.)

Davis, Sanford S. Linear and nonlinear pattern selection in Rayleigh-Benard stability problems [microform] / Sanford S. Davis. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center ; [Springfield, Va. : National Technical Information Service, distributor, 1993]

De Nevers, Noel, 1932- Fluid mechanics for chemical engineers / Noel de Nevers. New York : McGraw-Hill, c1991. BIB Call Number: QC145.2 .D42 1991 ISBN: 0070163758 : \$61.99

De Nevers, Noel Howard, 1932- Fluid mechanics [by] Noel De Nevers. Reading, Mass., Addison-Wesley Pub. Co. [1970] BIB Call Number: QC145.2 .D4 ISBN:

Dean, Robert G. 1930- Water wave mechanics for engineers and scientists / Robert G. Dean and Robert A. Dalrymple. Singapore ; Teaneck, NJ : World Scientific, c1991. BIB Call Number: TC172 .D4 1991 ISBN: 9810204205 : \$50.94

Deissler, Robert G. Turbulent fluid motion IV microform : averages, Reynolds decomposition, and the closure problem / Robert G. Deissler. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1992]

Deissler, Robert G. Turbulent fluid motion. microform : scalars, vectors , and tensors / Robert G. Deissler. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1991]

Deissler, Robert G. Turbulent fluid motion. microform : the phenomenon of fluid turbulence / Robert G. Deissler. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1991]

Deissler, Robert J. Marangoni instability in a liquid layer with two free surfaces [microform] / Robert J. Deissler, Alexander Oron, and J.C. Duh. [Washington, DC : National Aeronautics and Space Administration ; Springfield, Va. : National Technical Information Service, distributor, 1993]

Deissler, Robert J. Thermally-sustained structure in convectively unstable systems [microform] / Robert J. Deissler. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : National Technical Information Service, distributor, 1993]

Demuren, A. O. Calculation of 3D turbulent jets in crossflow with a multigrid method and a second-moment closure model [microform] / A.O. Demuren ; prepared for the International Symposium on Engineering Turbulence Modelling and Measurements, sponsored by the Assembly of World Conferences on Experimental Heat Transfer, Fluid Mechanics, and Thermodynamics, Dubrovnik, Yugoslavia, September 24-28, 1990. Cleveland, Ohio : NASA Lewis Research Center, Institute for Computational Mechanics in Propulsion ; [Springfield, Va. : For sale by the National Technical Information Service, 1990?]

Demuren, A. O. Characteristics of 3D turbulent jets in crossflow [microform] / A.O. Demuren. [Cleveland, Ohio] : NASA Lewis Research Center, Institute for Computational Mechanics in Propulsion ; [Springfield, Va. : National Technical Information Service, distributor, 1991]

Denn, Morton M., 1939- Process fluid mechanics / Morton M. Denn. Englewood Cliffs, N.J. : Prentice-Hall, c1980. BIB Call Number: TA357 .D47 1980 ISBN: 0137231636 : \$19.95

Denten, James G. Flow visualization study of post critical heat flux region for inverted bubbly, slug and annular flow regimes / prepared by J.G. Denten, M. Ishii. Washington, DC : Division of Systems Research, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, 1988.

Deshpande, Suresh M. A second-order accurate kinetic-theory-based method for inviscid compressible flows microform / Suresh M. Deshpande. [Washington, D.C.] : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1986.

Douglas, John F. Solution of problems in fluid mechanics, by John F. Douglas. London, Pitman Paperbacks, [1965-69, c1961-62] BIB Call Number: TC163 .D68 1961 ISBN:

Drummond, J. Philip. A two-dimensional numerical simulation of a supersonic, chemically reacting mixing layer microform / J. Philip Drummond. [Washington, DC] : National Aeronautics and Space Administration, Scientific and Technical Information Division ; [Springfield, Va. : For sale by the National Technical Information Service], 1988.

Duck, Peter W. Three-dimensional marginal separation microform / Peter W. Duck. [Washington, D.C.] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1988]

Duncan, W. J. 1894-1960. Mechanics of fluids [by] W. J. Duncan, A. S. Thom [and] A. D. Young. New York, American Elsevier Pub. Co. [1970] BIB Call Number: QA901 .D85 1970b ISBN: 0444196048

Dyer, David F. Combustion of hydrogen injected into a supersonic airstream : a guide to the Hiss computer program / D. F. Dyer, G. Maples, and D. B. Spalding. Washington : U.S. National Aeronautics and Space Administration ; Springfield, Va. : for sale by the National Technical Information Service, 1976.

Dyer, David F. Combustion of hydrogen injected into a supersonic airstream : a guide to the Hiss computer program / D. F. Dyer, G. Maples, and D. B. Spalding. Washington : U.S. National Aeronautics and Space Administration ; Springfield, Va. : for sale by the National Technical Information Service, 1976.

Dyke, P. P. G. Coastal and shelf sea modelling / by Philip Dyke. Boston : Kluwer Academic, c2001. BIB Call Number: GC10.4.M36 D93 2001 ISBN: 0792379950

Edwards, L. L. Computer simulations of a 1/5-scale experiment of a Mark I boiler water reactor pressure-suppression system under hypothetical LOCA conditions / L. L. Edwards. Livermore, Calif. : University of California, Lawrence Livermore Laboratories, Technical Information Dept. ; Springfield, Va. : for sale by the National Technical Information Service, 1978.

El-Hady, Nabil M. Large-eddy simulation of laminar-turbulent breakdown at high speeds with dynamic subgrid-scale modeling [microform] / Nabil M. El-Hady. [Washington, DC] : National Aeronautics and Space Administration, Office of Management, Scientific and Technical Information Program ; [Springfield, Va. : National Technical Information Service, distributor], 1993.

El-Hady, Nabil M. Nonparallel stability of three-dimensional compressible boundary layers / Nabil M. El-Hady ; prepared for Langley Research Center under grant NSG-1645. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1980.

Elghobashi, S. Equilibrium chemical reaction of supersonic hydrogen-air jets : Alma computer program / S. Elghobashi and D. B. Spalding. Washington : National Aeronautics and Space Administration ; Springfield, Va. : S. Elghobashi and D. B. Spalding. [1977]

Eskinazi, Salomon. Fluid mechanics and thermodynamics of our environment [by] S. Eskinazi. New York, Academic Press, 1975. BIB Call Number: QC806 .E84 ISBN: 0122425405

Eskinazi, Salomon. Principles of fluid mechanics. Boston, Allyn and Bacon [1968] BIB Call Number: QA901 .E8 1968 ISBN:

Eskinazi, Salomon. Vector mechanics of fluids and magnetofluids. New York, Academic Press. BIB Call Number: QC145 .E8 1967

Evet, Jack B., 1942- 2500 solved problems in fluid mechanics and hydraulics / by Jack B. Evett, Cheng Liu. New York : McGraw-Hill, c1989. BIB Call Number: TA357.3 .E84 1988 ISBN: 0070197830 : \$14.69

Evet, Jack B., 1942- Fundamentals of fluid mechanics / Jack B. Evett, Cheng Liu. New York : McGraw-Hill, c1987. BIB Call Number: TA357 .E9 1987 ISBN: 0070197792 : \$43.08

Fay, James A. Introduction to fluid mechanics / James A. Fay. Cambridge, Mass. : MIT Press, c1994. BIB Call Number: TA357 .F39 1994 ISBN: 0262061651 \$46.27

Finlayson, Bruce A. The method of weighted residuals and variational principles, with application in fluid mechanics, heat and mass transfer [by] Bruce A. Finlayson. New York, Academic Press, 1972. BIB Call Number: QA371 .F53 ISBN: 0122570502

Fleming, David P. Damping in tapered annular seals for an incompressible fluid / David P. Fleming. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1980.

Fox, J. A. An introduction to engineering fluid mechanics [by] J. A. Fox. New York, McGraw-Hill [1975, c1974] BIB Call Number: TA357 .F688 1975 ISBN: 0070217505

Fox, Robert W., 1934- Introduction to fluid mechanics / Robert W. Fox, Alan T. McDonald. New York : Wiley, c1978. BIB Call Number: TA357 .F69 1978 ISBN: 0471019097

Fox, Robert W., 1934- Introduction to fluid mechanics / Robert W. Fox, Alan T. McDonald. New York : Wiley, c1985. BIB Call Number: TA357 .F69 1985 ISBN: 0471885983 : \$34.95 (est.)

Fox, Robert W. Introduction to fluid mechanics / Robert W. Fox, Alan T. McDonald. New York : J. Wiley, 1992. BIB Call Number: TA357 .F69 1992 ISBN: 0471548529 \$60.21

Francis, J. R. D. d. 1979. Problemas de hidráulica y mecánica de fluidos para estudiantes de ingeniería, por J. R. D. Francis y P. Minton. Traducido por Francisco de Saz. Revisado por José María García Caselles. Bilbao, Urmo [1968]

Gans, Roger F. Liquid management in low gravity using baffled rotating containers / Roger F. Gans. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

Garthling, David K. COYOTE : finite element computer program for nonlinear heat conduction problems / David K. Garthling, Fluid Mechanics and Heat Transfer Division 1261, Sandia Laboratories ; prepared by Sandia Laboratories for the United States Energy Research and Development Administration. Albuquerque, N.M. : Dept. of Energy, Sandia Laboratories, 1978.

Gee, M. Fixed and non-fixed length Q studies using a 1-D Lagrangian code on the variable zoned 1-D hydro shock test problem / M. Gee, G. Kramer, W. Noh, Lawrence Livermore Laboratory. [Livermore, Calif.] : Dept. of Energy, Lawrence Livermore Laboratory ; [Springfield, Va. : for sale by the National Technical Information Service], 1979.

Gerhart, Philip M. Fundamentals of fluid mechanics / Philip M. Gerhart, Richard J. Gross, John I. Hochstein. Reading, Mass. : Addison-Wesley Pub. Co., c1992. BIB Call Number: TA357 .G46 1992 ISBN: 0201183587 : \$\$49.64

Gilbrech, Donald A. Fluid mechanics [by] Donald A. Gilbrech. Belmont, Calif., Wadsworth Pub. Co. [1965] BIB Call Number: TA357 .G5 ISBN:

Giles, Ranald V. Schaum's outline of theory and problems of fluid mechanics and hydraulics / by Ranald V. Giles. New York : McGraw-Hill, 1962. BIB Call Number: ISBN: 070232342

Gnoffo, Peter A. Conservation equations and physical models for hypersonic air flows in thermal and chemical equilibrium microform / Peter A. Gnoffo, Roop N. Gupta, Judy L. Shinn. [Washington, DC] : National Aeronautics and Space Administration, Office of Management, Scientific and Technical Information Division ; [Springfield, Va. : For sale by the National Technical Information Service], 1989.

Gnoffo, Peter A. Hypersonic, nonequilibrium flow over a cylindrically blunted 6Å wedge [microform] / Peter A. Gnoffo. Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center ; [Springfield, Va. : National Technical Information Service, distributor, 1993]

Gnoffo, Peter A. An upwind-biased, point-implicit relaxation algorithm for viscous, compressible perfect-gas flows microform / Peter A. Gnoffo. [Washington, DC] : National Aeronautics and Space Administration, Office of Management, Scientific and Technical Information Division ; [Springfield, Va. : For sale by the National Technical Information Service], 1990.

Goldstein, Marvin E. The effect of small streamwise velocity distortion on the boundary layer flow over a thin flat plate with application to boundary layer stability theory microform / M.E. Goldstein, S.J. Leib and S.J. Cowley. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1990]

Goldstein, Marvin E. Interaction of oblique instability waves with weak streamwise vortices [microform] / Marvin E. Goldstein and David W. Wundrow. [Washington, D.C.] : National Aeronautics and Space Administration ; [Springfield, Va. : National Technical Information Service, distributor, 1994]

Goldstein, Sydney, 1903- Lectures on fluid mechanics, with special lectures by J.M. Burgers. London, New York, Interscience Publishers [1960]

Goodbody, A. M. Cartesian tensors : with applications to mechanics, fluid mechanics and elasticity / A.M. Goodbody. Chichester, West Sussex, Eng. : E. Horwood ; New York : Halsted Press, 1982.  
BIB Call Number: QA433 .G64 1982 ISBN: 0470272546

Granet, Irving. Fluid mechanics for engineering technology / Irving Granet. Englewood Cliffs, N.J. : Prentice-Hall, c1981.  
BIB Call Number: TA357 .G7 1981 ISBN: 0133226107

Green, John 1934- Atmospheric dynamics / John Green. Cambridge, UK ; New York : Cambridge University Press, 1999.  
BIB Call Number: QC880 .G66 1999 ISBN: 0521249759 (hardback): \$73.01

Greenspan, Harvey P. The theory of rotating fluids, by H.P. Greenspan. London, Cambridge U.P., 1968.  
BIB Call Number: QA913 .G7 ISBN: 0521051479

Gross, Robert John, 1954- Numerical simulation of dual-media thermal energy storage systems / Robert J. Gross, Charles E. Hickox, Colin E. Hackett, Fluid Mechanics and Heat Transfer Division II, 5512, Sandia Laboratories ; prepared by Sandia Laboratories for the United States Department of Energy under contract DE-AC04-76DP00789. Albuquerque, N.M. : Dept. of Energy, [Office of the Assistant Secretary for Defense Programs], Sandia Laboratories : [Springfield, Va. : for sale by the National Technical Information Service], 1979.

Hagstrom, Thomas. Accurate boundary conditions for exterior problems in gas dynamics microform / Thomas Hagstrom and S.I. Hariharan. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1988]

Hammer, J. M. Studies of single-mode injection lasers and of quaternary materials / Jacob M. Hammer ; prepared for Langley Research Center under contract NAS1-15440. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982-

Hardee, Harry C. Thermal hazard from hydrogen fireballs / Harry C. Hardee, David W. Larson, Fluid Mechanics and Heat Transfer Division II, Division 5512, Sandia Laboratories, ; prepared by Sandia Laboratories ... for the United States Department of Energy under contract AT(29-1)-789. [Albuquerque, N.M.] : Dept. of Energy, [Office of the Assistant Secretary for Defense Programs], Sandia Laboratories ; Springfield, Va. : for sale by the National Technical Information Service, 1979.

Hariharan, S. I. Time domain numerical calculations of unsteady vortical flows about a flat plate airfoil microform / S. I. Hariharan, Yu Ping and J. R. Scott. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1989]

Harrison, T. D. Design considerations for a proposed passive vacuum solar annular receiver / Thomas D. Harrison and Gary N. Bond, Midtemperature Solar Systems Test Division 4721, Arthur C. Ratzel, Fluid Mechanics and Heat Transfer Division II, 5512, Sandia Laboratories ; prepared by Sandia Laboratories for the United States Department of Energy. Albuquerque, N.M. : Dept. of Energy, Sandia Laboratories ; [Springfield, Va. : for sale by the National Technical Information Service], 1979.

Hasan, Mohammad M. Axisymmetric confined turbulent jet directed towards the liquid surface from below microform / Mohammad M. Hasan and Chin-Shun Lin. [Washington, D.C.] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1989]

Haywood, R. W. Analysis of engineering cycles [by] R. W. Haywood. Oxford, New York, Pergamon Press [1975]  
BIB Call Number: TJ164 .H38 1975 ISBN: 0080179479 0080179487 (flexicover)

Heat Transfer and Fluid Mechanics Institute 1999 : Proceedings of the 36th Heat Transfer and Fluid Mechanics Institute : held at California State University, Sacramento, June 3-4, 1999 / edited by Frederick H. Reardon and Thinh Dinh Ngo. Sacramento, Calif. : College of Engineering and Computer Science, California State University, c1999.

Heat Transfer and Fluid Mechanics Institute 2001 : Proceedings of the 37th Heat Transfer and Fluid Mechanics Institute : held at California State University, Sacramento, May 31 - June 1, 2001 / edited by Frederick H. Reardon and Thinh Ngo. Sacramento, Calif. : College of Engineering and Computer Science, California State University, c2001.

Heat Transfer and Fluid Mechanics Institute. Preprints of papers - Heat Transfer and Fluid Mechanics Institute. Stanford, Calif., Stanford University Press. [1949]

Heat Transfer and Fluid Mechanics Institute. Proceedings. [v.p.] [194u] BIB Call Number: QC145 .H35 ISBN:

Heat Transfer and Fluid Mechanics Institute. Proceedings of the Heat Transfer and Fluid Mechanics Institute. Stanford, Calif. [etc.] Printed and distributed by Stanford University Press for the Heat Transfer and Fluid Mechanics Institute [etc.] [1960]

Hebbar, Sheshagiri, K. A three-dimensional turbulent boundary layer undergoing transverse strain and streamwise pressure gradient microform / Sheshagiri K. Hebbar, David M. Driver. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1985]

Hendricks, Robert C. Flow rate and pressure for one to four axially aligned orifice inlets microform / Robert C. Hendricks and T. Trent Stetz. [Washington, DC] : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1985.

Hendricks, Robert C. Flow through aligned sequential orifice-type inlets / Robert C. Hendricks and T. Trent Stetz. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

Hendricks, Robert C. Some flow phenomena associated with aligned, sequential apertures with borda-type inlets / Robert C. Hendricks and T. Trent Stetz. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

Hendricks, Robert C. Volume-energy parameters and turbulent-flow density fluctuations / Robert C. Hendricks. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

Henke, Russell W. Introduction to fluid mechanics [by] Russell W. Henke. Reading, Mass., Addison-Wesley Pub. Co. [1966] BIB Call Number: TA357 .H38 ISBN: 0201028093

Hersh, Alan S. Fluid mechanical model of the acoustic impedance of small orifices / Alan S. Hersh and Thomas Rogers ; prepared by Hersh Acoustical Engineering, Chatsworth, Calif. for Lewis Research Center. Washington : U.S. National Aeronautics and Space Administration ; Springfield Va. : for sale by the National Technical Information Service, 1976.

Hickox, Charles E. BORE : a computer program for the calculation of wellbore heat loss / Charles E. Hickox, Fluid Mechanics and Heat Transfer Division I, Sandia National Laboratories ; prepared by Sandia Laboratories for the United States Department of Energy. Albuquerque, N. M. : Dept. of Energy, Sandia National Laboratories ; [Springfield, Va. : for sale by the National Technical Information Service], 1980.

Hill, D. C. A theoretical approach for analyzing the restabilization of wakes microform / D.C. Hill. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center ; [Springfield, Va.? : National Technical Information Service, distributor, 1992]

Hill, Myron E. A summary of existing and planned experiment hardware for low-gravity fluids research microform / Myron E. Hill and Terence F. O'Malley. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1991]

Hochstein, John I. Modeling of impulsive propellant reorientation microform / John I. Hochstein, Alfredo E. Patag, and David J. Chato. [Washington, D.C. : National Aeronautics and Space Administration ; Springfield, Va. : For sale by the National Technical Information Service, 1988]

Hodge, B. K. Analysis and design of energy systems / B.K. Hodge. Englewood Cliffs, N.J. : Prentice-Hall, c1985. BIB Call Number: TJ163.9 .H6 1985 ISBN: 0130328146 : 29.95

Holland, Scott D. Schlieren photographs and internal pressure distributions for three-dimensional sidewall-compression scramjet inlets at a Mach number of 6 in CF<sub>4</sub> [microform] / Scott D. Holland. [Washington, DC] : NASA, Office of Management, Scientific and Technical Information Program ; [Springfield, Va. : National Technical Information Service, distributor], 1993.

Hon, T. L. Evolution of hairpin vortices in a shear flow microform / T.-L. Hon and J.D.A. Walker. [Washington, D.C.] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1988]

Horlock, J. H. Combined power plants : including combined cycle gas turbine (CCGT) plants / J.H. Horlock. Oxford [England] ; New York : Pergamon Press, 1992. BIB Call Number: TK1076 .H67 1992 ISBN: 0080405029 (HC) : \$88.55

Hotchkiss, R. S. Simulation of tank draining phenomena with the NASA SOLA-VOF code / R. S. Hotchkiss. Los Alamos, N.M. : [Dept. of Energy], Los Alamos Scientific Laboratory ; [Springfield, Va. : for sale by the National Technical Information Service], 1979.

Huff, Dennis L. Analysis of viscous transonic flow over airfoil sections microform / Dennis L. Huff and Jiunn-Chi Wu and L.N. Sankar. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1987]

Iannelli, G. S. Conservative-variable average states for equilibrium gas multi-dimensional fluxes microform / G. S. Iannelli. Cleveland, Ohio : National Aeronautics and Space Administration, Lewis Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1992]

Ibraheem, S. O. On bi-grid local mode analysis of solution techniques for 3-D Euler and Navier-Stokes equations [microform] / S.O. Ibraheem and A.O. Demuren. [Cleveland, Ohio] : National Aeronautics and Space Administration, Lewis Research Center, Institute for Computational Mechanics in Propulsion ; [Springfield, Va. : National Technical Information Service, distributor, 1994]

Ingebo, Robert D. Gas density effect on drosize of simulated fuel sprays microform / Robert D. Ingebo. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1991]

International Fluid Dynamics Workshop 1994 : Boundary element methods in fluid dynamics II / editors: H. Power, C.A. Brebbia, D.B. Ingham. Southampton, [England] ; Boston, Mass. : Computational Mechanics Publications, c1994. BIB Call Number: ISBN: 1562521918 (Boston)

International Symposium on Air-Water Gas Transfer 1995 : Air-water gas transfer : selected papers from the Third International Symposium on Air-Water Gas Transfer, July 24-27, 1995, Heidelberg University / edited by B. Jähne and E.C. Monahan. Hanau : AEON Verlag & Studio, c1995. BIB Call Number: ISBN: 398044290X : \$110.76

International Symposium on Gas Transfer at Water Surfaces 1990 : Air-water mass transfer : selected papers from the Second International Symposium on Gas Tranfer at Water Surfaces / sponsored by the U.S. Army [Engineer] Waterways Experiment Station ... [et al.] ; edited by Steven C. Wilhelms and John S. Gulliver. New York, N.Y. : American Society of Civil Engineers, 1991. BIB Call Number: QC138 .I57 1990 ISBN: 0872628469 : \$63.00

Jackson, R. 1931- The dynamics of fluidized particles / Roy Jackson. Cambridge ; New York : Cambridge University Press, 2000. BIB Call Number: TP156.F65 J33 2000 ISBN: 0521781221 (hb) : c \$69.69  
<http://www.loc.gov/catdir/toc/cam024/99086301.html> <http://www.loc.gov/catdir/description/cam0210/99086301.html>

Janna, William S. Introduction to fluid mechanics / William S. Janna. Monterey, Calif. : Brooks/Cole Engineering Division, c1983. BIB Call Number: TA357 .J36 1983 ISBN: 0534012388 : \$26.95

Jiang, Bo-nan. Least-squares finite element method for fluid dynamics microform / Bo-nan Jiang and Louis A. Povinelli. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1989]

Jobson, Harvey E. Basic hydraulic principles of open-channel flow microform / by Harvey E. Jobson and David C. Froehlich. Denver, Colo. : Dept. of the Interior, U.S. Geological Survey : Books and Open-File Reports, distributor, 1988.

John, James E. A., 1933- Introduction to fluid mechanics [by] James E. A. John [and] William Haberman. Englewood Cliffs, N.J., Prentice-Hall [1971] BIB Call Number: TA357 .J63 ISBN: 0134839250

Johnston, Kenneth D. A numerical solution of the Navier-Stokes equations for chemically nonequilibrium, merged stagnation shock layers on spheres and two-dimensional cylinders in air / Kenneth D. Johnston and William L. Hendricks. Washington : National Aeronautics and Space Administration, Scientific and Technical Information Office ; Springfield, Va. : for sale by the National Technical Information Service, 1978.

Joint Applied Mechanics and Fluid Engineering Conference (1969 : Mathematical theory of dislocations. Edited by Toshio Mura. New York, American Society of Mechanical Engineers [1969] BIB Call Number: QD945 .J63 1969c ISBN:

Jones, S. A. Chemical evolution and estimated flow velocity of water in the Trinity aquifer, south-central Texas / by S.A. Jones, Roger W. Lee, and John F. Busby. Austin, Tex. (8011 Cameron Rd., Austin 78754-3898) : U.S. Dept. of the Interior, U.S. Geological Survey ; Denver, CO : Branch of Information Services [distributor], 1997.

Kamenkovich, V. M. Synoptic eddies in the ocean / edited by V.M. Kamenkovich, M.N. Koshlyakov, and A.S. Monin ; translated by V.M. Volosov ; with a preface by E.S.W. Simpson. Dordrecht ; Boston : D. Reidel, 1986.  
BIB Call Number: GC299 .K3613 1986 ISBN: 902771925X : \$79.00 (U.S.)

Kao, Kai-Hsiung. On the application of chimera/unstructured hybrid grids for conjugate heat transfer [microform] / Kai-Hsiung Kao and Meng-Sing Liou. Cleveland, Ohio : NASA Lewis Research Center, ICOMP ; [Springfield, Va. : National Technical Information Service, distributor, 1995]

Kaplun, Saul. Fluid mechanics and singular perturbations; a collection of papers. Edited by Paco A. Lagerstrom, Louis N. Howard [and] Ching-shi Liu. New York, Academic Press, 1967. BIB Call Number: QA911 .K3 1967 ISBN:

Karniadakis, George. Micro flows : fundamentals and simulation / George Em Karniadakis, Ali Beskok. New York : Springer, 2002. BIB Call Number: TA357 .K36 2002 ISBN: 0387953248, <http://www.loc.gov/catdir/toc/fy02/2001041113.html>

Kaufmann, Walther, 1887- Fluid mechanics. Translated by Ernest G. Chilton. New York, McGraw-Hill, [1963]  
BIB Call Number: QA901 .K3813 1963 ISBN:

Kay, J. M. An introduction to fluid mechanics and heat transfer : with applications in chemical & mechanical process engineering / by J. M. Kay and R. M. Nedderman. London ; New York : Cambridge University Press, 1974.  
BIB Call Number: QA901 .K39 1974 ISBN: 0521205336. 0521098807 pbk.

Kenyon, Richard A. Principles of fluid mechanics. New York, Ronald Press Co. [1960]

Khan, Irfan A. Fluid mechanics / Irfan A. Khan. New York : Holt, Rinehart & Winston, c1987.  
BIB Call Number: TA357 .K48 1987 ISBN: 0030714737 : \$69.95

Kim, S.-W. Control-volume based Navier-Stokes equation solver valid at all flow velocities microform / S.-W Kim. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1989]

Kim, S.-W. A near-wall turbulence model and its application to fully developed turbulent channel and pipe flows microform / S.-W. Kim. [Washington, D.C.] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1988]

Kim, S.-W. Numerical investigation of an internal layer in turbulent flow over a curved hill microform / S.-W. Kim. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1989]

Kirchhoff, Robert H., 1939- Potential flows : computer graphic solutions / Robert H. Kirchhoff. New York : M. Dekker, c1985.  
BIB Call Number: TA357 .K57 1985 ISBN: 0824773071

Kittel, Peter. Temperature rise in superfluid helium pumps microform / Peter Kittel. Moffett Field, Calif. : NASA, Ames Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1988]

Ko, William L. Effects of forced and free convections on structural temperatures of shuttle orbiter during reentry flight microform / William L. Ko, Robert D. Quinn, and Leslie Gong. Edwards, Calif. : National Aeronautics and Space Administration, Ames Research Center, Dryden Flight Research Facility ; [Springfield, Va. : For sale by the National Technical Information Service], 1986.

Kreider, Jan F., 1942- Principles of fluid mechanics / Jan F. Kreider. Boston : Allyn and Bacon, c1985.  
BIB Call Number: QA901 .K73 1985 ISBN: 0205082238 : \$27.95

Kundu, Pijush K. Fluid mechanics / Pijush K. Kundu. San Diego : Academic Press, c1990.  
BIB Call Number: QA901 .K86 1990 ISBN: 0124287700 : \$54.08

Lai, Chun-Liang. Experimental study of thermocapillary flows in a thin liquid layer with heat fluxes imposed on the free surface microform / Chun-Liang Lai, Paul S. Greenberg, and An-Ti Chai. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1988]

Landahl, Mårten. Turbulence and random processes in fluid mechanics / M.T. Landahl, E. Mollo-Christensen. Cambridge ; New York : Cambridge University Press, 1992. BIB Call Number: QA901 .L278 1992 ISBN: 0521419921 \$19.20

Landau, L. D. 1908-1968. Fluid mechanics, by L.D. Landau and E.M. Lifshitz. Translated from the Russian by J.B. Sykes and W.H. Reid. London, Pergamon Press; Reading, Mass., Addison-Wesley Pub. Co., 1959.

Landau, L. D. 1908-1968. Mecánica de flúidos / L.D. Landau, E.M. Lifshitz ; [versión española por J. Aguilar Peris y J. de la Rubia Pacheco]. Barcelona : Editorial Reverté, 1986. BIB Call Number: ISBN: 8429140875

Leonard, B. P. Positivity-preserving numerical schemes for multidimensional advection [microform] / B.P. Leonard and M.K. MacVean and A.P. Lock. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : National Technical Information Service, distributor, 1993]

Leslie, F. W. Fluid surface behavior in low gravity microform : Center Discretionary Fund no. 83-21, final report / Fred Leslie, Roger F. Gans, and Charles Schafer. [Washington, DC] : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1985.

Li, Wen-Hsiung. Principles of fluid mechanics, by Wen-hsiung Li [and] Sau-hai Lam. Reading Mass., Addison-Wesley Pub. Co. 1964. BIB Call Number: QC151 .L5 ISBN:

Lighthill, M. J., An informal introduction to theoretical fluid mechanics / James Lighthill. Oxford [Oxfordshire] : Clarendon Press ; New York : Oxford University Press, 1986. BIB Call Number: QA911 .L46 1986 ISBN: 0198536313 \$28.82

Lin, Chin-Shun. Similar solutions for viscous hypersonic flow over a slender three-fourths-power body of revolution microform / Chin-Shun Lin. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1987]

Lindeburg, Michael R. Engineer in training review manual : a complete review and reference for the E-I-T examination / Michael R. Lindeburg. San Carlos, CA : Professional Publications, c1982. BIB Call Number: TA159 .L56 1982 ISBN: 0932276318

Lions, P. L. Mathematical topics in fluid mechanics / Pierre-Louis Lions. Oxford : Clarendon Press ; New York : Oxford University Press, 1996-1998. BIB Call Number: QA901 .L56 1996 ISBN: 0198514875 (v. 1)

Liou, Meng-Sing. A continuing search for a near-perfect numerical flux scheme. [microform] / Meng-Sing Liou. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : National Technical Information Service, distributor, 1994]

Long, Robert R. Mechanics of solids and fluids. Englewood Cliffs, N. J., Prentice-Hall, 1961. BIB Call Number: QA931 .L75

Longwell, Paul A. Mechanics of fluid flow [by] Paul A. Longwell. New York, McGraw-Hill [c1966]  
BIB Call Number: TA357 .L6 ISBN:

Louie, Alexander. An experimental and analytical evaluation of the tapered tension-torsional strap concept microform / Alexander Louie. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1988]

Lowry, S. A. Space shuttle main engine high pressure fuel pump aft platform seal cavity flow analysis microform / S.A. Lowry, L.W. Keeton. [Washington, D.C.] : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1987.

Lu, Pau-chang, 1930- Fluid mechanics : an introductory course / by Pau-Chang Lu. Ames : Iowa State University Press, 1979.  
BIB Call Number: TA357 .L77 ISBN: 0813806852

Luh, Raymond Ching-Chung. Surface grid generation for complex three-dimensional geometries microform / Raymond Ching-Chung Luh. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1989]

Lyczkowski, R. W. Modeling oil plugging and flow nonuniformities in oil shale retorts / R. W. Lyczkowski and R. C. Y. Chin, Lawrence Livermore Laboratory. [Livermore, Calif.] : Dept. of Energy, Lawrence Livermore Laboratory ; [Springfield, Va. : for sale by the National Technical Information Service, 1978.

López Cadenas de Llano, F. Hidráulica / F. López Cadenas de Llano, J. A. Mintegui Aguirre. Madrid : Fundación Conde del Valle de Salazar, Escuela Técnica Superior de Ingenieros de Montes, 1983. BIB Call Number: ISBN: 8439806647

Macaraeg, Michele G. A mixed pseudospectral/finite difference method for a thermally driven fluid in a nonuniform gravitational field microform / Michele G. Macaraeg. Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1985]

Mankbadi, Reda R. Multiwave interactions in turbulent jets microform / Reda R. Mankbadi. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1989]

Mankbadi, Reda R. On the conditions for resonance interactions of instability waves in the axisymmetric jet microform / Reda R. Mankbadi, Ganesh Raman, and Edward J. Rice. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1989]

Manwell, A. R. The hodograph equations; an introduction to the mathematical theory of plane transonic flow [by] A. R. Manwell. Darien, Conn., Hafner Pub. Co., 1971.

Markatos, N. C. Combustion of hydrogen injected into a supersonic airstream (the ship computer program) / N. C. Markatos, D. B. Spalding and D. G. Tatchell. Washington : National Aeronautics and Space Administration ; Springfield, Va. : for sale by the National Technical Information Service, 1977.

Massey, B. S. Mecanica de fluidos / Bernard Stanford Massey; [traducido por Javier Flores Barrios]. México : Compañía Editorial Continental, 1979. BIB Call Number: ISBN: 0442301375

Massey, B. S. Mechanics of fluids, by B. S. Massey. London, Princeton, N.J., D. Van Nostrand Co., 1968. BIB Call Number: TA357 .M37 ISBN: Massey, B. S. Mechanics of fluids. Van Nostrand Reinhold, 1989.

Mataix Plana, Claudio. Mecánica de fluidos y máquinas hidráulicas / Claudio Mataix. New York : Harper & Row, c1970. BIB Call Number: ISBN: 063155900

McComb, W. D. The physics of fluid turbulence / W.D. McComb. Oxford : Clarendon Press ; New York : Oxford University Press, 1991. BIB Call Number: QA913 .M43 1991 ISBN: 019856256X \$45.91

Michelson, Irving, 1922- The science of fluids. New York, Van Nostrand Reinhold [1970] BIB Call Number: QC145.2 .M5

Mironer, Alan. Engineering fluid mechanics / Alan Mironer. New York : McGraw-Hill, c1979. BIB Call Number: TA357 .M57 ISBN: 0070424179

Monin, A. S. 1921- Theoretical geophysical fluid dynamics / A.S. Monin ; translated by Ron Hardin. Dordrecht ; Boston : Kluwer Academic Publishers, 1990. BIB Call Number: QC809.F5 M6613 1990 ISBN: 0792304268 (alk. paper) : \$216.68

Monin, A. S. 1921- Turbulence in the ocean / A.S. Monin and R.V. Ozmidov ; translation edited by H. Tennekes. Dordrecht, Holland ; Boston : Reidel ; Hingham, MA : Sold and distributed in the U.S.A. and Canada by Kluwer, c1985. BIB Call Number: GC203 .M6613 1985 ISBN: 9027717354 : \$44.50

Moody, F. J. Introduction to unsteady thermofluid mechanics / Frederick J. Moody. New York : Wiley, c1990. BIB Call Number: TA357 .M64 1990 ISBN: 047185705X \$77.30

Morkovin, Mark Vladimir, 1917- On the question of instabilities upstream of cylindrical bodies / Mark V. Morkovin ; prepared for Langley Research Center under grant NSG-1120. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

Moser, Robert D. Direct simulation of a self-similar plane wake [microform] / Robert D. Moser and Michael M. Rogers. Moffett Field, Calif. : NASA, Ames Research Center ; [Springfield, Va. : National Technical Information Service, distributor, 1994]

Moss, James N. DSMC simulations of Mach 20 nitrogen flows about a 70° blunted cone and its wake [microform] / James N. Moss, Virendra K. Dogra, Richard G. Wilmoth. Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center ; [Springfield, Va. : National Technical Information Service, distributor, 1993]

Mott, Robert L. Applied fluid mechanics / Robert L. Mott. Columbus : Merrill Pub. Co., c1990.  
BIB Call Number: TA357 .M67 1990 ISBN: 0675210267 : \$36.19

Multi-phase Flow Symposium (1963 : Multi-phase Flow Symposium; [reports of work still in progress and discussions of experimental techniques] Presented at winter annual meeting of the ASME. Editor: Norman J. Lipstein. New York, American Society of Mechanical Engineers [1963] BIB Call Number: TJ265 .M8 1963 ISBN:

Munson, Bruce Roy, 1940- Fundamentals of fluid mechanics / Bruce R. Munson, Donald F. Young, Theodore H. Okiishi. New York : Wiley, c1994. BIB Call Number: TA357 .M86 1994 ISBN: 0471579580 (cloth) : \$74.81

Murthy, Pappu L. N. Second generation integrated composite analyzer (ICAN) computer code [microform] / Pappu L. N. Murthy, Carol A. Ginty, and Jose G. Sanfeliz. [Washington, D.C.] : National Aeronautics and Space Administration, Office of Management, Scientific and Technical Information Program ; [Springfield, Va. : National Technical Information Service, distributor], 1993.

NASA-Chinese Aeronautical Establishment (CAE) Symposium (1985 : Combustion fundamentals microform : NASA-Chinese Aeronautical Establishment (CAE) Symposium. [Washington, DC] : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1986.

Nezu, Iehisa. Turbulence in open-channel flows / Iehisa Nezu & Hiroji Nakagawa. Rotterdam ; Brookfield : Balkema, 1993.  
BIB Call Number: ISBN: 9054101180 : \$87.98

Nguyen, H. Lee. Evaluation of a hybrid kinetics/mixing-controlled combustion model for turbulent premixed and diffusion combustion using KIVA-II [microform] / H. Lee Nguyen and Ming-Jyh Wey. [Washington, DC : National Aeronautics and Space Administration ; Springfield, Va. : National Technical Information Service, distributor, 1990]

Ninomiya, Hiroshi, 1947- Flow analysis using a PC / H. Ninomiya and K. Onishi. Boca Raton, Fla : CRC Press, c1991.  
BIB Call Number: QC151 .F62 1991 ISBN: 0849377331 : \$90.75

Nobari, M. R. The flow induced by the coalescence of two initially stationary drops [microform] / M.R. Nobari and G. Tryggvason. Cleveland, Ohio : National Aeronautics and Space Administration, Lewis Research Center, Institute for Computational Mechanics in Propulsion [Springfield, Va. : National Technical Information Service, distributor, 1994]

Norris, Andrew T. Comparison of PDF and moment closure methods in the modeling of turbulent reacting flows [microform] / Andrew T. Norris and Andrew T. Hsu. Cleveland, Ohio : National Aeronautics and Space Administration, Lewis Research Center, Institute for Computational Mechanics in Propulsion ; [Springfield, Va. : National Technical Information Service, distributor, 1994]

Núñez, Luis Alberto. Apuntes sobre mecánica de los flúidos / por Luis Alberto Núñez. Mayagüez, P.R. : Universidad de Puerto Rico, Colegio de Agricultura y Artes Mecánicas, 1968.  
Núñez, Luis Alberto. Manual para el laboratorio de mecánica de los fluidos. Mayagüez, 1970.

Olson, A. T. Introduction to fluid flow and the transfer of heat and mass / A.T. Olson, K.A. Shelstad. Englewood Cliffs, N.J. : Prentice-Hall, c1987. BIB Call Number: QC145.2 .O48 1987 ISBN: 0134838920

Orszag, Steven A. Numerical simulation of shear plows over wavy boundaries / Steven A. Orszag ; prepared for Langley Research Center under contract NAS1-15383. Washington, D.C. : National Aeronautics and Space Administration, Scientific and technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service] , 1980.

Owczarek, Jerzy A. Introduction to fluid mechanics [by] Jerzy A. Owczarek. Scranton, Pa., International Textbook Co. [1968]  
BIB Call Number: TA357 .O9 ISBN:

Pai, Shih-i. Modern fluid mechanics / Shih I. Pai. New York : Distributed by Van Nostrand Reinhold, c1981.  
BIB Call Number: ISBN: 0442200757

Pao, Richard H. F. 1926- Fluid mechanics. New York, Wiley [1961]

Parker, Jerald D. Introduction to fluid mechanics and heat transfer [by] Jerald D. Parker, James H. Boggs [and] Edward F. Blick. Reading, Mass., Addison-Wesley Pub. Co. [1969] BIB Call Number: QC145 .P33 ISBN:

Patag, Alfredo E. Modeling of pulsed propellant reorientation microform / A.E. Patag and J.I. Hochstein and D.J. Chato. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1989]

Patankar, Suhas V., 1941- Numerical heat transfer and fluid flow / Suhas V. Patankar. Washington : Hemisphere Pub. Corp. ; New York : McGraw-Hill, c1980. BIB Call Number: QC320 .P37 1980 ISBN: 0070487405

Peerless, S. J. Basic fluid mechanics, by S.J. Peerless. Oxford, New York, Pergamon Press. BIB Call Number: TA357 .P4 1967

Pefley, Richard K. Thermofluid mechanics [by] Richard K. Pefley [and] R. Ian Murray. New York, McGraw-Hill [1966]  
BIB Call Number: TJ265 .P45 ISBN:

Peterson, Victor L. Trends in computational capabilities for fluid dynamics microform / Victor L. Peterson. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1984]

Potter, Merle C. Fluid mechanics / Merle C. Potter and John F. Foss. New York : Ronald Press Co., c1975.  
BIB Call Number: TA357 .P72 ISBN:

Prager, William, 1903-1980. Introduction to mechanics of continua. Boston, Ginn [1961]

Probstein, Ronald F. Physicochemical hydrodynamics : an introduction / Ronald F. Probstein. Boston : Butterworths, c1989.  
BIB Call Number: QD453.2 .P75 1989 ISBN: 0409900893

Prozan, Robert Joel. A variational principle for compressible fluid mechanics : discussion of the multi-dimensional theory / Robert Joel Prozan ; prepared for Langley Research Center under contract NAS1-16646. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

Prozan, Robert Joel. A variational principle for compressible fluid mechanics : discussion of the one-dimensional theory / Robert Joel Prozan ; prepared for Langley Research Center under contract NAS1-16646. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

Purtell, L. P. A high-speed data acquisition system for fluid mechanics measurements / L.P. Purtell. Washington, DC : U.S. Dept of Commerce, National Bureau of Standards : For sale by the Supt. of Docs., U.S. G.P.O., 1983.

Radbill, John R. Quasilinearization and nonlinear problems in fluid and orbital mechanics [by] John R. Radbill and Gary A. McCue. New York, American Elsevier Pub. Co., 1970. BIB Call Number: QA374 .R28 ISBN: 0444000607

Ratzel, Arthur C. Heat loss reduction techniques for annular solar receiver designs / Arthur C. Ratzel, Fluid Mechanics and Heat Transfer Division II, 5512, Charles E. Simpson, Devices Testing Division, 1543 ; prepared by Sandia Laboratories for the United States Department of Energy under contract DE-AC04-76DP00789. Albuquerque, N.M. : Dept. of Energy, [Office of the Assistant Secretary for Defense Programs], Sandia Laboratories ; [Springfield, Va. : for sale by the National Technical Information Service], 1979

Ratzel, Arthur C. Receiver assembly design studies for 2-m 90°parabolic-cylindrical solar collectors / Arthur C. Ratzel, Fluid Mechanics & Heat Transfer Division II-5512, Sandia Laboratories ; prepared by Sandia Laboratories for the United States Department of Energy under contract DE-AC04-76DP00789. Albuquerque, N.M. : Dept. of Energy, Sandia Laboratories ; [Springfield, Va. : for sale by the National Technical Information Service], 1979.

Red Book Conference on the Mechanical Involvement of Fluids in Faulting (1993 : Proceedings of workshop LXIII [microform] : the mechanical involvement of fluids in faulting / editors and convenors: Stephen Hickman, Richard Stibson, Ronald Bruhn ; compiled by Muriel Jacobson ; sponsored by U.S. Geological Survey National Earthquake Hazards Reduction Program. Menlo Park, Calif. : U.S. Dept. of the Interior, U.S. Geological Survey ; [Denver, Colo. : For sale by Open-File Reports Section], 1994.

Ripple, Dean. Dynamic contact angle of a liquid spreading on a heated plate [microform] / Dean Ripple. Gaithersburg, MD : U.S. Dept. of Commerce, Technology Administration, National Institute of Standards and Technology, [1999]

Roberson, John H. Engineering fluid mechanics / John H. Roberson, Clayton T. Crowe. Boston : Houghton Mifflin, c1993.  
BIB Call Number: TA357 .R6 1993 ISBN: 0395637899 : \$68.88

Robertson, James M. 1916- Hydrodynamics in theory and application [by] James M. Robertson. Englewood Cliffs, N.J., Prentice-Hall [1965] BIB Call Number: QA911 .R58 ISBN:

Rogers, Stuart E. Numerical solution of the incompressible Navier-Stokes equations in three-dimensional generalized curvilinear coordinates microform / Stuart E. Rogers, Dochan Kwak, and James L.C. Chang. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, [1986]

Rosen, Bruce S. Addition of equilibrium air to an upwind Navier-Stokes code and other first steps toward a more generalized flow solver microform / Bruce S. Rosen. Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1991]

Rouse, Hunter, 1906- Elementary mechanics of fluids, by Hunter Rouse. New York, J. Wiley & sons, inc.; London, Chapman & Hall limited [1946] BIB Call Number: QA911 .R67 1946 ISBN:

Russell, Louis M. Flow visualization of discrete-hole film cooling with a spanwise injection over a cylinder / Louis M. Russell. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

Russo, Anthony J. Renormalization methods for several marching algorithms used in the direct solution of elliptic equations / Anthony J. Russo, Fluid Mechanics and Heat Transfer Division I. [Washington] : Dept. of Energy ; Springfield, Va. : for sale by the National Technical Information Service, 1978.

Russo, Anthony J. A user's manual for the magnetohydrodynamic generator channel code, MHDCHN / A. J. Russo, Fluid Mechanic & Heat Transfer Division 1261, Sandia Laboratories ; prepared by Sandia Laboratories for the United States Energy Research and Development Administration. Albuquerque, N.M. : Dept. of Energy, Sandia Laboratories ; [Springfield, Va. ; for sale by the National Technical Information Service], 1979.

Sabersky, Rolf H. Fluid flow, a first course in fluid mechanics [by] Rolf H. Sabersky, Allan J. Acosta [and] Edward G. Hauptmann. New York, Macmillan [1971] BIB Call Number: TA357 .S2 1971 ISBN:

Sabersky, Rolf H. Fluid flow : a first course in fluid mechanics / Rolf H. Sabersky, Allan J. Acosta, Edward G. Hauptmann. New York : Macmillan ; London : Collier Macmillan, c1989. BIB Call Number: TA357 .S2 1989 ISBN: 0024049603 : \$54.99

Schmidt, G. R. Thermocapillary flow with evaporation and condensation and its effect on liquid retention in low-G fluid acquisition devices [microform] / G.R. Schmidt. [Washington, DC] : National Aeronautics and Space Administration, Office of Management, Scientific and Technical Information Program ; [Springfield, Va. : National Technical Information Service, distributor], 1994.

Scorer, R. S. 1919- Environmental aerodynamics / R. S. Scorer. Chichester, Eng. : E. Horwood ; New York : Halsted Press, 1978. BIB Call Number: QC883.5 .S36 1978 ISBN: 0470992700

Seasholtz, Richard G. Three component velocity measurements using Fabry-Perot interferometer microform / Richard G. Seasholtz and Louis J. Goldman ; prepared for the second International Symposium on Applications of Laser Anemometry to Fluid Mechanics sponsored by Instituto Superior Técnico (Lisbon), Lisbon, Portugal, July 2-4, 1984. Cleveland, Ohio : Lewis Research Center, [1984]

Sethian, James Albert. Level set methods and fast marching methods : evolving interfaces in computational geometry, fluid mechanics, computer vision, and materials science / J.A. Sethian. Cambridge, U.K. ; New York : Cambridge University Press, 1999. BIB Call Number: QC173.5.I57 S48 1999 ISBN: 0521642043 (hardback) : \$76.69

Shames, Irving Herman, 1923- Mechanics of fluids / Irving H. Shames. New York : McGraw-Hill, c1992. BIB Call Number: TA357 .S44 1992 ISBN: 007056387X : \$54.78

Shapiro, Ascher H. Dynamics and thermodynamics of compressible fluid flow / by Ascher H. Shapiro. New York : Ronald Press Co., 1954-

Shebalin, John V. Numerical simulation of three-dimensional self-gravitating flow [microform] / John V. Shebalin. Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center ; [Springfield, Va. : National Technical Information Service, distributor, 1993]

Shebalin, John V. Pseudospectral simulation of compressible turbulence using logarithmic variables [microform] / John V. Shebalin. Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center ; [Springfield, Va. : National Technical Information Service, distributor, 1993]

Shore, Charles P. Aerothermal performance of a radiatively and actively cooled panel at Mach 6.6 / Charles P. Shore and Irving Weinstein. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

Sisson, Carl E. Predicted temperatures in a bedded-salt repository resulting from burial of DOE high-level nuclear waste canisters / Carl E. Sisson, Fluid Mechanics & Heat Transfer Division 1262, Sandia Laboratories ; prepared by Sandia Laboratories ... for the United States Department of Energy under contract AT (29-1)-789. Albuquerque, N. M. : Dept. of Energy, Sandia Laboratories ; Springfield, Va. : for sale by the National Technical Information Service, 1978.

Skop, Richard A. Added mass and damping forces on circular cylinders / R. A. Skop, S. E. Ramberg and K. M. Ferer ; Applied Mechanics Branch, Ocean Technology Division. Washington : Dept. of Defense, Dept. of the Navy, Office of Naval Research, Naval Research Laboratory ; Springfield, Va. : for sale by the National Technical Information Service, 1976.

Skop, Richard A. Added mass and damping forces on circular cylinders / R. A. Skop, S. E. Ramberg and K. M. Ferer ; Applied Mechanics Branch, Ocean Technology Division. Washington : Dept. of Defense, Dept. of the Navy, Office of Naval Research, Naval Research Laboratory ; Springfield, Va. : for sale by the National Technical Information Service, 1976.

Sorensen, J. M. Liquid-liquid equilibrium data collection : binary systems ; tables, diagrams and model parameters / J. M. Sorensen, W. Artl. Frankfurt, Germany : DECHEMA, c1979. BIB Call Number: ISBN: 3921567173

Spradley, Lawrence. GIM code user's manual for the STAR-100 computer / Lawrence Spradley and Mark Pearson ; prepared for Langley Research Center under contract NAS1-15341. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch, [Springfield, Va. : For sale by the National Technical Information Service], 1979.

Stein, Werner, 1944- The spreading and differential boil-off for a spill of liquid natural gas on a water surface / Werner Stein, Thermo Fluid Mechanics group, Nuclear Test Engineering Division. [Livermore, Calif.] : Dept. of Energy, [Office of the Assistant Secretary for Defense Programs], Lawrence Livermore Laboratory ; Springfield, Va. : for sale by the National Technical Information Service, 1978.

Stephens, Craig A. Thermal-fluid analysis of the fill and drain operations of a cryogenic fuel tank [microform] / Craig A. Stephens, Gregory J. Hanna, Leslie Gong. Edwards, Calif. : National Aeronautics and Space Administration, Ames Research Center, Dryden Flight Research Facility ; [Springfield, Va. : National Technical Information Service, distributor], 1993.

Streeter, Victor L. 1909- Fluid mechanics / Victor L. Streeter, E. Benjamin Wylie. New York : McGraw-Hill, c1985. BIB Call Number: TA357 .S8 1985 ISBN: 0070622426 : \$34.95 (est.)

Sun, D. C.. Two reference time scales for studying the dynamic cavitation of liquid films microform / D.C. Sun and David E. Brewe. [Washington, DC] : National Aeronautics and Space Administration ; [St. Louis, Mo.] : US Army Aviation Systems Command, Aviation R&T Activity ; [Springfield, Va. : For sale by the National Technical information Service, 1991]

Surampudi, Surya P. Unsteady transonic flow in cascades microform / Surya P. Surampudi and John J. Adamczyk ; prepared for the Unsteady Aerodynamics of Turbomachines and Propellers sponsored by the International Union of Theoretical and Applied Mechanics (IUTAM), Cambridge, England, September 24-27, 1984. Cleveland, Ohio : Lewis Research Center, [1984]

Swanson, W. M., 1923- Fluid mechanics [by] W. M. Swanson. New York, Holt, Rinehart, and Winston [1970] BIB Call Number: QA901 .S87 1970 ISBN: 03081006X

Symons, Eugene P. Contoured tank outlets for draining of cylindrical tanks in low-gravity environment / Eugene P. Symons. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

Symons, Eugene P. Draining characteristics of hemispherically bottomed cylinders in a low-gravity environment / Eugene P. Symons, Lewis Research Center. [Washington] : National Aeronautics and Space Administration, Scientific and Technical Information Office ; Springfield, Va. : for sale by the National Technical Information Service, 1978.

Symposium on Measurement in Unsteady Flow (1962 : Symposium on Measurement in Unsteady Flow; presented at the ASME Hydraulic Division Conference, held in Worcester, Mass., May 21-23, 1962. New York, American Society of Mechanical Engineers [1962] BIB Call Number: TJ265 .S95 1962 ISBN:

Symposium on the Theory of Shells (1966 : Proceedings, Symposium on the Theory of Shells, to honor Lloyd Hamilton Donnell. Edited by D. Muster. Houston, Tex., University of Houston [1967] BIB Call Number: QA935 .S89 1966 ISBN:

Symposium on Viscous Drag Reduction (1968 : Viscous drag reduction; proceedings. Edited by C. Sinclair Wells. New York, Plenum Press, 1969. BIB Call Number: TL574.D7 S9 1968 ISBN:

Truesdell, C. 1919- Continuum mechanics [edited by] C. Truesdell. [New York, Gordon and Breach, 1965-66; v. 1, 1966] BIB Call Number: QA808.2 .T65 ISBN:

Tsanis, Ioannis K., 1953- Mixing zone models for submerged discharges / I.K. Tsanis, C. Valeo. Southampton ; Boston : Computational Mechanics Publications, c1994. BIB Call Number: TC163.5 .T73 1994 ISBN: 1853123625 (U.K.)

Tsinober, A. 1937- An informal introduction to turbulence / by Arkady Tsinober. Dordrecht ; Boston : Kluwer Academic Publishers, c2001. BIB Call Number: QA913 .T75 2001 ISBN: 140200110X (acid-free paper) : \$146.34

United States. Dept. of Energy. Division of Distributed Solar Technology. Wind characteristics over complex terrain : laboratory simulation and field measurements at Rakaia Gorge, New Zealand / Robert N. Meroney ... [et al.], Fluid Mechanics and Wind Engineering Program, Civil Engineering Department, Colorado State University. [Washington] : Dept. of Energy, Division of Distributed Solar Technology, Federal Wind Energy Program ; [Springfield, Va. : for sale by the National Technical Information Service], 1978.

Universidad Politécnica de Valencia. Cátedra de Mecánica de Fluidos. Curso de ingeniería hidráulica : aplicada a los sistemas de distribución de agua / Universidad Politécnica de Valencia, Cátedra de Mecánica de Fluidos. Madrid : Instituto de Estudios de Administración Local, 1987. BIB Call Number: ISBN: 8470884476

Van Dyke, Milton. An album of fluid motion / assembled by Milton Van Dyke. Stanford, Calif. : Parabolic Press, 1982. BIB Call Number: ISBN: 0915760037

Van Dyke, Milton. Perturbation methods in fluid mechanics, by Milton Van Dyke. New York, Academic Press, 1964. BIB Call Number: QA911 .V3 1964 ISBN:

Vennard, John King. Elementos de la mecánica de los fluidos. Traducido por Manuel Gutiérrez Méndez. México, Compañía Editorial Continental [1965, c1954]

Viterna, Larry A. A finite element model of conduction, convection, and phase change near a solid/melt interface microform / Larry A. Viterna. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1991]

Vogel, Steven, 1940- Life in moving fluids : the physical biology of flow / Steven Vogel ; illustrated by Sally A. Schrohenloher. Boston, Mass. : W. Grant Press, c1981. BIB Call Number: QH505 .V63 1981 ISBN: 0871507498

Vsesoiuznyi seminar po gidromekhanike i teplomassobmenu v nevesomosti. Second all-union seminar on hydromechanics and heat and mass exchange in weightlessness; summaries of reports microform / G.Z. Gershuni and Ye. M. Zhukovitskiy, editors. Washington, D.C. : National Aeronautics and Space Administration, [1984]

Weilmuenster, K. James. A hybridized method for computing high-reynolds-number hypersonic flow about blunt bodies / K. James Weilmuenster and H. Harris Hamilton II. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

Welty, James R. Fundamentals of momentum, heat, and mass transfer / James R. Welty, Charles E. Wicks, Robert E. Wilson. New York : Wiley, c1984. BIB Call Number: TA357 .W45 1984 ISBN: 0471874973 : \$37.95 (est.)

Werle, M. J. Turbofan forced mixer-nozzle internal flowfield / M.J. Werle and V.N. Vatsa ; prepared for Lewis Research Center under contract NAS3-20951. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982-

Whitaker, Stephen. Introduction to fluid mechanics. Englewood Cliffs, N.J., Prentice-Hall. BIB Call Number: QA911 .W38 1968

White, Frank M. Fluid mechanics / Frank M. White. New York : McGraw-Hill, c1994. BIB Call Number: TA357 .W48 1994 ISBN: 0079116957

Wiegel, Robert L. Oceanographical engineering [by] Robert L. Wiegel. Englewood Cliffs, N.J., Prentice-Hall [1964]

Wigeland, Roald A. Evaluation of a new concept for reducing free-stream turbulence in wind tunnels / Roald A. Wigeland, Jimmy Tan-atichat, and Hassan M. Nagib ; prepared for Langley Research Center under contract NSG-1451. Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

Wislicenus, George F. 1903- Fluid mechanics of turbomachinery McGraw-Hill, 1947.

Workshop on Computational Turbulence Modeling (1993 : Workshop on Computational Turbulence Modeling [microform] : proceedings of a workshop sponsored by the Institute for Computational Mechanics in Propulsion and Center for Modeling of Turbulence and Transition, NASA Lewis Research Center, Cleveland, Ohio, September 15-16, 1993. [Washington, D.C.] : National Aeronautics and Space Administration, Office of Management, Scientific and Technical Information Program, 1994.

Workshop on Engineering Turbulence Modeling (1991 : Workshop on Engineering Turbulence Modeling : proceedings of the Workshop on Engineering Turbulence Modeling, Cleveland, Ohio, August 21-22, 1991 / sponsored by the Institute for Computational Mechanics in Propulsion and Center for Modeling of Turbulence and Transition, NASA Lewis Research Center. [Washington, D.C.] : National Aeronautics and Space Administration, Office of Management, Scientific and Technical Information Program, 1992.

Yee, H. C. A class of high-resolution explicit and implicit shock-capturing methods microform / H.C. Yee. Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1989]

Yih, Chia-shun, 1918- Fluid mechanics; a concise introduction to the theory. New York, McGraw-Hill [1969]  
BIB Call Number: QA901 .Y54 ISBN:

Yuan, S. W. 1914- Foundations of fluid mechanics [by] S. W. Yuan. Englewood Cliffs., N.J., Prentice-Hall [1967]  
BIB Call Number: QA911 .Y8 ISBN:

Yungster, S. Computational study of flow establishment in a ram accelerator [microform] / S. Yungster, K. Radhakrishnan, M.J. Rabinowitz. [Cleveland, Ohio] : National Aeronautics and Space Administration, Lewis Research Center, Institute for Computational Mechanics in Propulsion ; [Springfield, Va. : National Technical Information Service, distributor, 1995]

Yungster, Shaye, Numerical study of shock-induced combustion in methane-air mixtures [microform] / Shaye Yungster and Martin J. Rabinowitz. [Washington, DC : National Aeronautics and Space Administration ; Springfield, Va. : National Technical Information Service, distributor, 1993]

Zdravkovich, M. M. Flow around circular cylinders : a comprehensive guide through flow phenomena, experiments, applications, mathematical models, and computer simulations/ M.M. Zdravkovich. Oxford ; New York : Oxford University Press, <1997- >  
BIB Call Number: QC151 .Z37 1997 ISBN: 0198563965 : \$213.06

Zhu, J. Computation of confined coflow jets with three turbulence models [microform] / J. Zhu and T.H. Shih. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : National Technical Information Service, distributor, 1993]

Zilliac, Gregory G. A computational/experimental study of the flow around a body of revolution at angle of attack microform / Gregory G. Zilliac. [Washington, DC] : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1986]

Zuckerwar, Allan J. New constitutive equation for the volume viscosity in fluids [microform] / Allan J. Zuckerwar, Robert L. Ash. Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center ; [Springfield, Va. : National Technical Information Service, distributor, 1994]