

**List of Books**  
**On**  
**FLUID DYNAMICS AND FLUID MECHANICS**  
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**Library**  
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1. Anandharamakrishnan, C. (2013). *Computational fluid dynamics applications in food processing*. New York: Springer.  
664.0015118 ANA                            016561
2. Acheson, D. J. (1990). *Elementary fluid dynamics*. New York, USA: Oxford University Press.  
532 ACH                                        009567
3. Allen, M. P. (1987). *Computer simulation of liquids*. New York, USA: Oxford University Press.  
532.00724 ALL                                008996, 009124-25
4. Allen, P. A. (1997). *Earth surface processes*. Oxford: Blackwell Science.  
551.3 ALL                                      015576
5. Anderson, J. D. (1995). *Computational fluid dynamics: the basic with applications*. New York, USA: McGraw-Hill.  
532.05AND                                      002090
6. Anderson, J. D. (2012). *Computational fluid dynamics: the basics with applications* (6th ed.). New Delhi, India: Tata McGraw-Hill Publishing.  
532.05015118 AND                            012471-76
7. Andreotti, B. (2013). *Granular media: between fluid and solid*. Cambridge: Cambridge University Press.  
620.43 AND                                    016067
8. Aris, R. (1989). *Vectors, tensors, and the basic equations of fluid mechanics*. New York, USA: Dover Publications.  
532 ARI                                        010091
9. Babu, V. (2010). *Fundamentals of incompressible fluid flow*. New Delhi, India: Anne Books Pvt Ltd.  
532.051 BAB                                    009195
10. Bansal, R. K. (2011). *Textbook of fluid mechanics and hydraulic machine: SI units*. New Delhi, India: Laxmi Publication.  
620.106 BAN                                    009152
11. Batchelor, G. K. (1999). *Introduction to fluid dynamics*. New Delhi, India: Cambridge University Press.  
532 BAT                                        002003, 008581, 009557
12. Batchelor, G. K. (2000). *Perspectives in fluid dynamics: a collective introduction to current research*. Cambridge, England: Cambridge University Press.  
532 BAT                                        009557

13. Bertola, V. (2003). *Modelling and experimentation in two-phase flow*. New York, USA: Springer.  
532.051 BER 010166
14. Bijl, H. (2013). *Uncertainty quantification in computational fluid dynamics*. Heidelberg: Springer.  
532.050285 BIJ 017241
15. Biswas, Gautam (2013). *Computational fluid dynamics*. New Delhi: Narosa Publishing House.  
532.00151 BIS 016515
16. Blazek, J. (2005). *Computational fluid dynamics: principles and applications* (2nd ed.). New York, USA: Elsevier.  
532.05 BLA 012192 with CD C00606
17. Buhler, O. (2009). *Waves and mean flows*. Cambridge, London: Cambridge University Press.  
532.0593 BUH 002015 & 018843
18. Buresti, G. (2012). *Elements of fluid dynamics*. London, England: Cambridge University Press.  
620.1064 BUR 013520
19. Cengel, Y. A. (2006). *Fluid mechanics: fundamentals and applications*. New Delhi, India: Tata McGraw-Hill Publishing.  
620.106 CEN 003536 & 008902
20. Caughey, D. A. (Ed.). (2005). *Frontiers of computational fluid dynamics 2006*. New Jersey: World Scientific.  
532.00285 CAU 021890
21. Chandrasekhar, S. (1961). *Hydrodynamic and hydro magnetic stability*. New York, USA: Dover Publication.  
532.5 CHA 011576
22. Chang, H. C. (2010). *Electro kinetically driven microfluidics and nano fluidics*. New York, USA: Cambridge University Press.  
532.05 CHA 008461
23. Chapman, C. J. (2000). *High speed flow*. Cambridge, England: Cambridge University Press.  
532.0532 CHA 009568
24. Chhabra, R. P. (2007). *Bubbles, drops, and particles in non-Newtonian fluids* (2nd ed.). Boca Raton, FL: CRC Taylor & Francis.  
620.106 CHH 013356

25. Chorin, A. L. (1993). *A mathematical introduction to fluid mechanics* (3rd ed.). New York, USA: Springer.  
532 CHO 009800
26. Chung, T. J. (2002). *Computational fluid dynamics*. New York, USA: Cambridge University Press.  
532.050285CHU 001744
27. Clarke, C. J., & Carswell, B. (2007). *Principles of astrophysical fluid dynamics*. Cambridge: Cambridge University Press.  
523.01 CLA 020487
28. Crimale, W. O. (2003). *Theory and computation of hydrodynamic stability*. Cambridge, England: Cambridge University Press.  
532.5 CRI 009573
29. Darby, R. (2001). *Chemical engineering fluid mechanics* (2nd ed., rev.). New York: Marcel Dekker.  
660.284 DAR 015118
30. Das, M. M. (2010). *Fluid mechanics and turbomachines*. New Delhi, India: PHI Learning.  
621.406 DAS 006426
31. Davidson, P. A. (2004). *Turbulence: an introduction for scientists and engineers*. Oxford: Oxford University Press.  
532.0527 DIT 015186
32. Davidson, P. A. (Ed.). (2011). *Voyage through turbulence*. Cambridge: Cambridge University Press.  
532.0527 VOY 013311
33. Denn, M. M. (1980). *Process fluid mechanics*. Upper Saddle River, USA: Prentice-Hall.  
620.106 DEN 000573-74
34. Denny, M. W. (1993). *Air and water: the biology and physics of life's media*. Princeton, New Jersey: Princeton University Press.  
574.191 DEN 014993
35. Ditlevsen, P. D. (2011). *Turbulence and shell models*. Cambridge: Cambridge University Press.  
532.0527 DIT 015186

36. Douglas, J. F. (2001). *Fluid mechanics* (5th ed.). New Delhi, India: Pearson Education.  
620.106 DOU 004838
37. Drazin, P. G. (2004). *Hydrodynamic stability* (2nd ed.). Cambridge: Cambridge University Press.  
532.5 DRA 014704
38. Drazin, P. G. (2002). *Introduction to hydrodynamic stability*. Cambridge, England: Cambridge University Press.  
532.5 DRA 009554
39. Dryden, H. L. (1956). *Hydrodynamics*. New York, USA: Dover Pub.  
532.5 DRY 000665
40. Eckert, M. (2006). *Dawn of fluid dynamics: a discipline between science and technology*. Weinheim: Wiley-VCH.  
532 ECK 013742
41. Elman, H. C., Silvester, D. J., & Wathen, A. J. (2014). *Finite elements and fast iterative solvers: with applications in incompressible fluid dynamics* (Second edition). Oxford: Oxford University Press.  
518.25 ELM 019309
42. Faber, T. E. (1995). *Fluid dynamics for physicists*. Cambridge, England: Cambridge University Press.  
532.05 FAB 009551
43. Fay, J. A. (2009). *Introduction to fluid mechanics*. New Delhi, India: PHI Learning.  
532 FAY 006572
44. Feireisl, E. (2004). *Dynamics of viscous compressible fluids*. New York, USA: Oxford University Press.  
532.0533 FEI 012950
45. Ferziger, J. H. (2002). *Computational methods for fluid dynamics* (3rd ed.). New York, USA: Springer.  
532.05015194 FER 008245
46. Fletcher, C. A. (1991). *Computational techniques for fluid dynamics v.1.Fundamental and general techniques* (2nd ed.). New York, USA: Springer-Verlag.  
532.050151 FLE 009009

47. Fletcher, C. A. (1991). *Computational techniques for fluid dynamics: v.2 Specific techniques for different flow categories* (2nd ed.). New York, USA: Springer-Verlag.  
532.05 FLE 008871
48. Fox, M. (2014). *Fluid mechanics*. London: Wiley.  
532 FOX 018624- 018625
49. Fox, R. W. (2010). *Introduction to fluid mechanics* (7th ed.). New Delhi, India: Wiley-India.  
532 FOX 000516-17, 8906-07
50. Frisch, U. (1999). *Turbulence: the legacy of A.N. Kolmogorov*. Cambridge, England: Cambridge University Press.  
532.0527FRI 001697
51. Fuller, G. G. (1995). *Optical rheometry of complex fluids*. New York: Oxford University Press.  
620.10640287 FUL 013241
52. Gallavotti, G. (2005). *Foundations of fluid dynamics*. New York, USA: Springer.  
532.05 GAL 008241
53. Goldstein, D. H. (2011). *Polarized light* (3rd ed.). Boca Raton, FL: CRC Press.  
535.52 GOL 013739
54. Goldstein, R. J. (Ed.). (1996). *Fluid mechanics measurements* (2nd ed). Washington, DC: Taylor & Francis.  
620.10640287 FLU 018446
55. Gupta, S. C. (2006). *Fluid mechanics and hydraulic machine*. New Delhi, India: Pearson Education.  
620.106 GUP 005101
56. Gupta, V. (1984). *Fluid mechanics and its applications*. New Delhi, India: New Age International.  
620.106 GUP 000726-29 and 018854- 018856
57. Gupta, V., & Gupta, S. K. (2012). *Fluid mechanics and its applications*. Tunbridge Wells: New Academic Science.  
620.106 GUP 015894
58. Gurkan, Z. N. (2009). *Integrable vortex dynamics and complex Burgers' equation*. New York: VDM verlag.  
532.0595 GUR 013641

59. Gustafson, K. E. (1997). *Lectures on computational fluid dynamics, mathematical physics, and linear algebra*. River Edge, USA: World Scientific.  
532 GUS 009807
60. Herron, I. H. (2008). *Partial differential equations in fluid dynamics*. Cambridge, England: Cambridge University Press.  
532.0501515353 HER 004294
61. Howe, M. S. (2007). *Hydrodynamics and sound*. New York, USA: Cambridge University Press.  
532.5015118 HOW 009164
62. Hui, W.-H., & Xu, K. (2012). *Computational fluid dynamics based on the unified coordinates*. Berlin; New York; Beijing: Springer ; Science Press.  
532.05 HUI 016562
63. Hunt, J. C. R. (Ed). (2000). *Turbulence structure and vortex dynamics*. Cambridge: Cambridge University Press.  
532.0527 TUR 013642
64. Ilango, S. (2009). *Introduction to hydraulics and pneumatics*. New Delhi, India: PHI Learning.  
627 IIA 006579
65. Ishii, M. (2011). *Thermo fluid dynamics of two phase flow* (2nd ed.). New York, USA: Springer-Verlag.  
532.052 ISH 008036
66. Jog,C.S.(2007).*Foundations and applications of mechanics Vol.1: Continuum Mechanics* (2nd ed.). New Delhi, India: Narosa Publishing House.  
531 JOG 002758
67. Jog, C. S. (2007). *Foundations and applications: vol 2 Fluid mechanics* (2nd ed.). New Delhi, India: Narosa Publishing House.  
531 JOG 002759
68. Kambe, T. (2007). *Elementary fluid mechanics*. Hackensack, New Jersey. ; London: World Scientific.  
532 KAM 014249
69. Katz, Y. (2010). *Introductory fluid mechanics*. New York, USA: Cambridge University Press.  
620.106 KAT 012746
70. Kee, R. J. (2003). *Chemically reacting flow: theory and practice*. Hoboken, New Jersey: Wiley-Interscience.  
660.299 KEE 015759

71. Khan, I. A. (1987). *Fluid mechanics*. New York, USA: Oxford University Press.  
620.106 KHA 013233
72. Kirby, B. (2010). *Micro- and nanoscale fluid mechanics: transport in microfluidic devices*. New York, USA: Cambridge University Press.  
620.106 4KIR 008463
73. Kleinstreuer, C. (2009). *Modern fluid dynamics: basic theory and selected applications in macro- and micro-fluidics*. Dordrecht: Springer.  
532 KLE 015021
74. Kock, W. I. (1981). *Lasers and holography: an introduction to coherent optics* (2nd ed.). New York, USA: Dover Publication.  
532.2 KOC 000912
75. Krause, E. (2005). *Fluid mechanics: with problems and solutions, and an aerodynamic laboratory*. Berlin, Germany: Springer-Verlag.  
532 KRA 012315
76. Kumar, K. L. (1976). *Engineering fluid mechanics*. New Delhi, India: S. Chand and Company.  
620.106 KUM 001722
77. Kumar, S. (2010). *Fluid mechanics*. New Delhi, India: Anne Books.  
532 KUM 002998
78. Kuerten, H. (2011). *Direct and large-eddy simulation VIII*. Dordrecht, USA: Springer.  
532.0527 KUE 009904
79. Kundu, P. K. (2008). *Fluid mechanics* (4th ed.). Boston, USA: Academic Press.  
532 KUN 003066, 001058
80. Kundu, P. K., Cohen, I. M., & Dowling, D. R. (2012). *Fluid mechanics* (5th ed.). Waltham, MA: Academic Press.  
620.106 KUN 016914- C00711
81. Lamb, H. S. (2010). *Hydrodynamics* (6th ed.). New Delhi, India: Nabu Press.  
532.5 LAM 004516
82. Landau, L. D. (2005). *Fluid mechanics* (2nd ed.). New Delhi, India: Butterworth Heinemann.  
532 LAN 001643, 000416
83. Landau, L. D. (1987). *Fluid mechanics*. Oxford: Butterworths Heinemann.  
532 LAN 015068

84. Lesieur, M. (2008). *Turbulence in fluids*. New York: Springer.  
532.0527 LES 015058
85. Lighthill, J. S. (2001). *Waves in fluids*. Cambridge, England: Cambridge University Press.  
532.0593 LIG 009565
86. Liou, W. W. (2006). *Microfluid mechanics: principles and modeling*. New York, USA: McGraw-Hill Professional.  
620.106 LIO 009061
87. Magoules, F. (2011). *Computational fluid dynamics*. Boca Raton, USA: CRC Press.  
532.00285 MAG 011281
88. Majda, A. (2002). *Vorticity and incompressible flow*. Cambridge, England: Cambridge University Press.  
532.059 MAJ 009564
89. Manneville, P. (1998). *Hydrodynamics and nonlinear instabilities*. Cambridge, England: Cambridge University Press.  
532.5 MAN 009553
90. Marshall, J. S. (2001). *Inviscid incompressible flow*. New York: Wiley.  
620.1064 MAR 013436
91. Massey, B. S. (2006). *Mechanics of fluids* (8th ed.). New York, USA: Taylor & Francis.  
620.106 MAS 009154
92. McComb, W. D. (1991). *Physics of fluid turbulence*. Oxford, England: Clarendon.  
532.0527 MCC 013082
93. McDonald, A. G. (2012). *Introduction to thermo-fluids systems design*. Chichester, United Kingdom: Wiley.  
621.4022 MCD 013829
94. Meyer, R. E. (1971). *Introduction to mathematical fluid dynamics*. New York, India: Dover Publication.  
532.05 MEY 000867
95. Milne-Thomson, L. M. (1996). *Theoretical hydrodynamics*. New York, USA: Dover Publications.  
532.5 MIL 010087

96. Mohanty, A. K. (2009). *Fluid mechanics* (2nd ed.). New Delhi, India: PHI Learning.  
532 MOH 006427
97. Monin, A. S. (1971). *Statistical fluid mechanics: mechanics of turbulence v.1*. New York, USA: Dover Publication.  
532.0527 MON 000868
98. Monin, A. S. (1975). *Statistical fluid mechanics: mechanics of turbulence v. 2*. New York, USA: Dover Publications.  
532.0527 MON 000869
99. Montomoli, F. (2015). *Uncertainty quantification in computational fluid dynamics and aircraft engines*. New York, NY: Springer Berlin Heidelberg.  
629.13435 MON 022165
100. Munson, B. R. (2002). *Fundamentals of fluid mechanics* (5th ed.). New Delhi, India: Wiley India.  
620.106 MUN 004001, 007124-27, 007438-39
101. Muralidhar, K. (1996). *Advanced engineering fluid mechanics* (2nd ed.). New Delhi, India: Narosa Publishing House.  
532.0501515 MUR 002704
102. Muralidhar, K. (1995). *Computational fluid flow and heat transfer* (2nd ed.). New Delhi: Narosa Publishing House.  
620.106MUR 002636
103. Muralidhar, K. (2015). *Advanced engineering fluid mechanics, 3rd ed.* New Delhi: Narosa Publishing House.  
620.106 MUR 021506
104. Murdoch, A. I. (2012). *Physical foundations of continuum mechanics*. Cambridge:Cambridge University Press.  
531 MUR 015379
105. Narasimhan, S. (2006). *First course in fluid mechanics*. Hyderabad: Universities.  
532 NAR 001002, 014907-8
106. Narayana, P. A. (2004). *Engineering fluid mechanics*. New Delhi, India: Narosa Publishing House.  
620.106 NAR 002749

107. Narayana, P. N. (2009). *Principles of fluid mechanics and fluid machines* (3rd ed.). Hyderabad, India: Universities Press.  
532 NAR 004777
108. Nikrityuk, P. A. (2011). *Computational thermo-fluid dynamics: in materials science and engineering*. Weinheim: Wiley-VCH-Verl.  
620.11 NIK 013734
109. Ockendon, H. (2011). *Waves and compressible flow* (2nd ed.). New York, USA: Springer.  
532.0535 OCK 010113
110. Oertel, H. (2004). *Prandtl's essentials of fluid mechanics* (2nd ed.). New Delhi, India: Springer.  
620.106 MAY 002995
111. Oosthuizen, P. H. (2014). *Introduction to compressible fluid flow* (Second edition). Boca Raton, Florida: CRC Press/Taylor & Francis Group.  
532.051 OOS 018668
112. Paterson, A. R. (1983). *First course in fluid dynamics*. Cambridge, London: Cambridge University Press.  
532.05 PAT 000690
113. Persen, L. N. (2010). *Pragmatic approach to turbulence: a short course in fluid mechanics*. New Delhi: Phi Learning.  
532 PER 013643
114. Piquet, J. (2001). *Turbulent flows: Models and physics*. New York, USA: Springer.  
532.0527015118 PIQ 009908
115. Pletcher, R. H. (2014). *Computational fluid mechanics and heat transfer*. Boca Raton: CRC Press.  
532 PLE 017080
116. Pope, S. B. (2000). *Turbulent flows*. New York: Cambridge University Press.  
532.527 POP 010359
117. Potter, M. C. (2008). *Shamus outline of fluid mechanics*. New York, USA: McGraw-Hill.  
620.106 POT 08290
118. Pozrikidis, C. (2011). *Introduction to theoretical and computational fluid dynamics* (2nd ed.). New Delhi, India: Oxford University Press.  
532.05 POZ 012962, 013090

119. Raisinghania, M. D. (1982). *Fluid dynamics with complete hydrodynamics and boundary layer theory*. New Delhi, India: S. Chand & Co.  
532.050287 RAI 010609
120. Rajput, R. K. (1998). *A textbook of fluid mechanics*. New Delhi, India: S Chand and co.  
532 RAJ 001717
121. Ramshaw, J. D. (2011). *Elements of computational fluid dynamics*. London, England: Imperial College Press.  
532.05 RAM 012143
122. Rao, B. C. (2010). *Fluid mechanics and machinery* (2nd ed.). New Delhi, India: Tata Mcgraw Hill.  
532.5 RAO 006042
123. Rathakrishnan, E. (2009). *Fluid mechanics: an introduction*. New Delhi, India: PHI Learning.  
620.106 RAT 004093-94
124. Rathakrishnan, E. (2007). *Instrumentation, measurements, and experiments in fluids*. London, England: CRC Press.  
532 RAT 006428
125. Riahi, D. N. (Ed). (1996). *Mathematical modeling and simulation in hydrodynamic stability*. Singapore, Malaysia: World Scientific.  
532.517 MAT 001939
126. Roberson, J. A. (1999). *Engineering fluid mechanics* (4th ed.). Ahmedabad, India: Jaico Publishing House.  
620.106 ROB 003566
127. Rosner, D. E. (2000). *Transport processes in chemically reacting flow systems*. Mineola, New York: Dover Publications.  
660.28423ROS 013836
128. Saatdjian, E. (2000). *Transport phenomena: equations and numerical solutions*. New York: John Wiley.  
530.138 SAA 013959
129. Saffman, P. G. (1992). *Vortex dynamics*. Cambridge, England: Cambridge University Press.  
532.0595SAF 009574
130. Samimy, M. (2003). *A gallery of fluid motion*. New Delhi, India: Cambridge University Press.  
532.051 SAM 009545

131. Sawhney, G. S. (2009). *Fundamentals of mechanical engineering: thermodynamics, mechanics, theory of machines and strength of materials* (2nd ed.). New Delhi, India: PHI Learning.  
620.1SAW 006462
132. Schiestel, R. (2008). *Modeling and simulation of turbulent flows*. London: ISTE; Wiley.  
532.0527015118 SCH 013737
133. Sengupta, T. K. (2005). *Fundamentals of computational fluid dynamics*. Hyderabad, India: Universities Press.  
532.05 SEN 008777-78
134. Sengupta, T. K. (2013). *High accuracy computing methods: fluid flows and wave phenomena*. Cambridge: Cambridge University Press.  
532.050285 SEN 014875
135. Sengupta, T. K. (2012). *Instabilities of flows and transition to turbulence*. Boca Raton, USA: Taylor & Francis.  
532.0527 SEN 012296
136. Sethian, J. A., & Sethian, J. A. (1999). *Level set methods and fast marching methods: evolving interfaces in computational geometry, fluid mechanics, computer vision, and materials science* (2nd ed.). Cambridge, U.K. ; New York: Cambridge University Press.  
530.4 SET 016816
137. Shaikh, N. (2010). *Shear flow over smooth and wavy interfaces*. New York: Lap Lambert Academic Publishing.  
532.0527 SHA 011921
138. Shankar, P. N. (2007). *Slow viscous flows: qualitative features and quantitative analysis using complex eigenfunction expansions*. London : Hackensack, NJ: Imperial College Press ; Distributed by World Scientific.  
532.0533 SHA 022471- C00877
139. Shapiro, A. H. (1954). *The dynamics and thermodynamics of compressible fluid flow*. New York: Ronald Press Co.  
532.5 SHA 010056
140. Shikmurzaev, Y. D. (2008). *Capillary flows with forming interfaces*. London, England: CRC Press.  
530.427 SHI 004206
141. Shrira, Victor. (Ed.). (2013). *Advances in wave turbulence*. New Jersey: World Scientific.  
532.0527 ADV 015670

142. Shtern, V. N. (2012). *Counter flows: paradoxical fluid mechanics phenomena*. Cambridge: Cambridge University Press.  
532.052 SHT 014204
143. Singh, S. (2010). *Experiments in fluid mechanics*. New Delhi, India: PHI.  
532.05 SIN 006413
144. Sommerfeld, A. (1964). *Mechanics of deformable bodies*. New York, USA: Academic Press.  
532.00151 SOM 010786
145. Spiegel, Murray R. (1967). *Schaum's outline of theory and problems of theoretical mechanics: with an introduction to lagrange's equations and hamiltonian theory*. New York: Schaum Publishing.  
532 SPI 014796 - 97
146. Spurk, J. H. (1997). *Fluid mechanics: problems and solutions*. New York, USA: Springer.  
532 SPU 002996, 8240
147. Streeter, V. L. (1998). *Fluid mechanics* (9th ed.). New Delhi, India: Tata McGraw Hill Education.  
532 STR 005966
148. Subramanian, R. (2007). *Fluid mechanic: introduction & applications*. Ahmedabad, India: Jaico Publishing House.  
532 SUB 003565
149. Tannehill, J. C. (1997). *Computational fluid mechanics and heat transfer*. Washington, USA: Taylor & Francis  
532.05TAN 010250
150. Tavoularis, S. (2009). *Measurement in fluid mechanics*. Cambridge, England: Cambridge University Press.  
532 TAV 009556
151. Tennekes, H. (1972). First course in turbulence. Cambridge, England: MIT Press.  
532.0527 TEN 013428-29
152. Tokaty, G. A. (1994). *A history and philosophy of fluid mechanics*. New York, USA: Dover.  
532.009 TOK 010075
153. Toro, E. F. (2009). *Riemann solvers and numerical methods for fluid dynamics: a practical introduction* (3rd ed.). Dordrecht; New York: Springer.  
532.05 TOR 013955

154. Townsend, A. A. (1976). *Structure of turbulent shear flow* (2nd ed.). New York, USA: Cambridge University Press.  
532.0527 TOW 011533
155. Tritton, D. J. (1988). *Physical fluid dynamics* (2nd ed.). New York, USA: Oxford University Press.  
532.05 TRI 009571
156. Truesdell, C. (2000). *An introduction to the mechanics of fluids*. New York, USA: Birkhauser.  
532 TRU 009848
157. Tucker, P. G. (2013). *Unsteady computational fluid dynamics in aeronautics*. New York: Springer.  
629.1323 TUC 016110
158. Tuncer, I. H. (Ed.). (2009). *Parallel computational fluid dynamics 2007: implementations and experiences on large scale and grid computing*. Berlin: Springer.  
532.050285435 TUN 021889
159. Tu, J., Yeoh, G. H., & Liu, C. (2011). *Computational fluid dynamics a practical approach*. Waltham, Mass: Butterworth-Heinemann.  
532.050285 TUJ 014225
160. Turner, J. S. (1979). *Buoyancy effects in fluids*. Cambridge, 1979: Cambridge University press.  
532.05 TUR 009548
161. Versteeg, H. K. (2007). *An introduction to computational fluid dynamics: the finite volume method* (2nd ed.). New Delhi, India: Pearson Education Ltd.  
532 VER 008588-94
162. Von Mises, R. (2004). *Mathematical theory of compressible fluid flow*. New York, USA: Dover Publications.  
532.58 VON 010081
163. Wang, Z. J. (2011). *Adaptive high-order methods in computational fluid dynamics*. Singapore, Malaysia: World Scientific.  
532.050285 WAN 011679
164. White, F. M. (2008). *Fluid mechanics*. New Delhi: Tat McGraw Hill.  
620.106 WHI 000828-31, 001451-52, 008911-19, 016486
165. White, F. M. (2006). *Viscous fluid flow* (3rd ed.). New York, USA: McGraw Hill.  
532.0533 WHI 003506

166. Wilkes, J. O. (2006). *Fluid mechanics for chemical engineers with Microfluidics and CFD* (2nd ed.). Upper Saddle River, USA: Prentice-Hall.  
660.29 WIL 000575-78
167. Wright, T. (2010). *Fluid machinery: application, selection, and design* (2nd ed.). Boca Raton, England: CRC Press.  
621.406 WRI 010826
168. Wu, J.-Z., Ma, H.-Y., & Zhou, M.-D. (2006). *Vorticity and vortex dynamics*. Berlin; New York: Springer.  
532.0595 WUJ 013784
169. Yamaguchi, H. (2008). *Engineering fluid mechanics*. Dordrecht: Springer-Verlag.  
620.106 YAM 018107
170. Zikanov, O. (2010). Essential computational fluid dynamics. New Jersey: Wiley.  
532.0501515 ZIK 013434
171. Zeytounian, R. K. (2002). *Asymptotic modelling of fluid flow phenomena*. Dordrecht ; London: Kluwer Academic.  
532 ZEY 016988
172. Zeytounian, R. K. (2013). *Five decades of tackling models for stiff fluid dynamics problems: a scientific autobiography*. New York: Springer.  
620.11 ZEY 017064

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