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|------|---|--|---------|--------------|-----------------------------------|------------|
| 1 | A Heat Transfer Textbook | John H.Lienhard IV - John H.Lienhard V | 3 | 2001 | Phlogiston Press | 718 |
| 2 | A Mathematical Introduction to Fluid Mechanics | Alexandre Chorin - Jerrold E.Marsden | 3 | 1993 | Springer-Verlag | 184 |
| 3 | Advanced Thermodynamics Engineering | Kalyan Annamalai - Ishwar K. Puri. | 1 | 2002 | CRC | 803 |
| 4 | Advanced Thermodynamics for Engineers | Desmond E Winterbone | 1 | 1997 | Arnold | 394 |
| 5 | Aerodynamics (Clancy) | L.J.Clancy | 1 | 1975 | Longman Scientific & Technical | 626 |
| 6 | Aerodynamics for Engineering Students | E.L.Houghton | 3 | 1982 | Butterworth Heinemann | 703 |
| 7 | An Introduction to Combustion | Stephen R. Turns | 1 | 1996 | McGraw-Hill | 586 |
| 8 | An Introduction to Computational Fluid Dynamics | H. K. Versteeg - W. Malalasekera | 1 | 1995 | Longman | 267 |
| 9 | An Introduction to Fluid Dynamics | G. K. Batchelor | 1 | 2000 | Cambridge University Press | 633 |
| 10 | Army Aircraft Gas Turbine Engines | Fort Eustis | 5 | | US Army Aviation Logistics School | 474 |
| 11 | Basic Ship Theory (Vol 1) | K.J.Rawson - E.C.Tupper | 5 | 2001 | Butterworth Heinemann | 404 |
| 12 | Basic Ship Theory (Vol 2) | K.J.Rawson - E.C.Tupper | 5 | 2001 | Butterworth Heinemann | 374 |
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| 15 | Combustion Theory | forman A. williams | 2 | 1985 | Princeton University | 699 |
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| 17 | Computational Fluid Dynamics (Anderson) | John D.Anderson | 1 | 1995 | McGraw-Hill | 563 |
| 18 | Computational Fluid Dynamics (Chung) | T. J. chung | 1 | 2002 | Cambridge University Press | 1022 |
| 19 | Computational Fluid Dynamics (Hoffmann) (Vol 1) | Klaus A.Hoffmann - Steve T.Chiangh | 4 | 2000 | | 501 |
| 20 | Computational Fluid Dynamics (Hoffmann) (Vol 2) | Klaus A.Hoffmann - Steve T.Chiang | 4 | 2000 | | 480 |
| 21 | Computational Fluid Mechanics and Heat Transfer | Dale A.Anderson - John C.Tannehill - Richard H.Pletcher | 2 | 1997 | Taylor & Francis | 803 |
| 22 | Computational Methods for Fluid Dynamics | Joel H.Ferziger - Milovan Peric | 3 | 2002 | Springer | 431 |
| 23 | Computational Techniques for Fluid Dynamics (Vol 1) | C.A.J.Fletcher | 2 | 1991 | Springer-Verlag | 413 |
| 24 | Computational Techniques for Fluid Dynamics (Vol 2) | C.A.J.Fletcher | 2 | 1988 | Springer-Verlag | 495 |
| 25 | Convection Heat Transfer | Adrian Bijan | 3 | 2004 | John Wiley & Sons | 728 |
| 26 | Doe Fundamentals Handbook (Nuclear Physics and Reactor Theroy) (Vol 1) | Doe | 1 | 1993 | Doe | 143 |
| 27 | Doe Fundamentals Handbook (Nuclear Physics and Reactor Theroy) (Vol 2) | Doe | 1 | 1993 | Doe | 129 |
| 28 | Doe Fundamentals Handbook (Thermodynamics Heat Transfer and Ransfer and Fluid Flow) (Vol 1) | Doe | 1 | 1992 | Doe | 139 |

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| 31 | Elements of Gas Turbine Propulsion | Jack D. Mattingly | 1 | 1996 | McGraw-Hill | 1017 |
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| 37 | Fluid Flow Measurement | E.L.Upp - Paul J.LaNasa | 2 | 2002 | Gulf Professional | 275 |
| 38 | Fluid Mechanics (Douglas) | J.F.Douglas - J M Gasiorek - J A Swaffield | 2 | 1985 | Longman | 754 |
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| 40 | Fluid Mechanics (Landau) | L.D.Landau - E.M.Lifshitz | 2 | 1987 | PERGAMON PRESS Pergamon Press | 552 |
| 41 | Fluid Mechanics (White) | Frank M.White | 4 | 1998 | McGraw-Hill | 1024 |
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| 50 | Fundamentals of Thermodynamics Solution Manual SI Unit | Van Wylen | 6 | | | 1745 |
| 51 | Gas Turbine Engineering Handbook | Mecherwan P.Boyce | 2 | 2002 | Gulf | 817 |
| 52 | Gas Turbine Theory | H. Cohen - G. F. C. Rogers - H. I. H. Saravanamuttoo | 3 | 1987 | Longman Scientific & Technical | 423 |
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| 58 | Introduction to Fluid Mechanics (Nakayama) | Y. Nakayama | 1 | 1999 | Butterworth Heinemann | 322 |
| 59 | Introduction to Heat Transfer | Frank P.Incropera - David P.De Witt | 4 | 2002 | John Wiley & Sons | 914 |
| 60 | Introduction to Heat Transfer (Solution Manual) | F. P. Incropera- D. P. De Witt | | | | 2158 |
| 61 | Introduction to Hydrodynamics Stability | P.G.Drazin | 1 | 2002 | Cambridge University Press | 277 |
| 62 | Introduction to Modern Statistical Mechanics | David Chandler David Chandler David Chandler | 1 | 1987 | Oxford University Press | 288 |
| 63 | Low-Gravity Fluid Mechanics | A. D. Myshkis - V G. Babskii - N. D. Kopachevskii - L. A. Slobozhanin - A. D. Tyuptsov | 1 | 1987 | Springer-Verlag | 601 |
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| 68 | Molecular Hydrodynamics | Jean Pierre Boon - Sidney Yip | 1 | 1980 | Dover | 430 |
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| 87 | Vectors, Tensors and the Basic Equations of Fluid Mechanics | Rutherford Aris | 1 | 1962 | Dover | 315 |
| 88 | Viscous and Compressible Fluid Dynamics | M. E. O'Neill - F. Chorlton | 1 | 1989 | John Wiley & Sons - Ellis Horwood Limited | 398 |
| 89 | Viscous Fluid Flow | Tasos C. Papanastasiou - Georgios C. Georgiou - Andreas N. Alexandrou | 1 | 2000 | CRC Press LLC | 415 |
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