

Gas Dynamics Books-list

This is a compilation of popular Gas Dynamics books

1. Anderson, J. D., *Modern Compressible Flow*, 3rd ed., McGraw-Hill, New York (2017).
2. Benedict, R. P., *Fundamentals of Gas Dynamics*, John Wiley & Sons, New York (1983).
3. Bose, T. K., *High Temperature Gas Dynamics*, Springer, New York (2004).
4. Cambel, A. B. and B. H. Jennings, *Gas Dynamics*, McGraw-Hill, New York (1958).
5. Cheers, F., *Elements of Compressible Flow*, John Wiley & Sons, New York (1963).
6. Chapman, A. J., *High Speed Flow*, Cambridge Univ. Press, Cambridge (2000).
7. Chapman, A. J. and W. F. Walker, *Introductory Gas Dynamics*, Holt, Rinehart & Winston (1971).
8. Chernyi, G. G., *Introduction to Hypersonic Flow*, Academic Press, New York (1961).
9. Courant, R. and K. O. Friedrichs, *Supersonic Flows and Shock Waves*, Interscience Publishers, New York (1948).
10. Hodge, B. K. and K. Koenig, *Compressible Fluid Dynamics with Personal Computer Applications*, Prentice Hall, NJ (1995).
11. Husain, Z., *Gas Dynamics through Problems*, Halsted Press, New York (1989).
12. Imrie, B. W., *Compressible Fluid Flow*, Butterworths (1973).
13. John, J. E. A., *Gas Dynamics*, 2nd ed., Allyn & Bacon (1997).
14. John, J. E. A. and Keith, T., *Gas Dynamics*, 3rd ed., Pearson (2006).
15. Liepmann, H. W. and A. Roshko, *Elements of Gasdynamics*, Dover Publications (2003)
16. Oosthuizen, P. H. and W. E. Carscallen, *Compressible Fluid Flow*, McGraw-Hill, New York (1997).
17. Oswatitch, K., *Gas Dynamics*, Academic Press, New York (1956).
18. Owczarek, J. A., *Fundamentals of Gas Dynamics*, International Textbook, PA (1964).
19. Pai, S.-I., *Introduction to the Theory of Compressible Flow*, D. Van Nostrand, Princeton (1959).
20. Rathakrishnan, E., *Gas Dynamics*, 7th ed., Prentice-Hall India (2021).
21. Rotty, R. M., *Introduction to Gas Dynamics*, John Wiley & Sons (1962).
22. Saad, M. A., *Compressible Fluid Flow*, 2nd ed., Prentice-Hall, NJ (1992).
23. Schreier, S., *Compressible Flow*, Wiley, New York (1982).

24. Shapiro, A. H., *The Dynamics and Thermodynamics of Compressible Fluid Flow*, 2 vols, Ronald Press, New York (1977).
25. Thompson, P. A., *Compressible Fluid Dynamics*, McGraw-Hill, New York (1972).
26. Turrell, G., *Gas Dynamics: Theory and Applications*, Wiley, New York (1997).
27. Vincenti, W. G. and C. Kruger, *Introduction to Physical Gas Dynamics*, Wiley, New York (1965).
28. von Mises, R., *Mathematical Theory of Compressible Fluid Flow*, Academic Press, New York (1958).
29. Yahya, S. M., *Fundamentals of Compressible Flow*, 6th ed., New Age International Publishers (2018).
30. Zucker, R. D. and O. Biblarz, *Fundamentals of Gas Dynamics*, 3rd ed., Wiley (2019).
31. Zucrow, M. J., *Gas Dynamics: Multidimensional Flow*, Krieger Publishing Co. (1985).
32. Zucrow, M. J. and J. D. Hoffman, *Gas Dynamics*, 2 vols, John Wiley & Sons, New York (1976).