

Some recommended books

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Linus Pauling, *General Chemistry*, Dover, New York 1988, ISBN 0486656225.

George B. Thomas, Jr., Ross L. Finney, with the collaboration of Maurice D. Weir, *Calculus and Analytic Geometry*, Ninth (Alternate) Edition, Addison-Wesley or Pearson Education, Boston 2003, ISBN 0321193636.

Richard E. Williamson, Richard H. Crowell, Hale F. Trotter, *Calculus of Vector Functions*, Third Edition, Prentice-Hall, Engelwood Cliffs, New Jersey 1972, ISBN 013112367X.

Murray R. Spiegel, Seymour Lipschutz, John J. Schiller, Dennis Spellman, *Schaum's Outline of Complex Variables: with an Introduction to Conformal Mapping and Its Applications*, Second Edition, McGraw-Hill, New York 2009, ISBN 9780071615693.

Murray R. Spiegel, *Schaum's Outline of Theory and Problems of Advanced Mathematics for Engineers and Scientists*, McGraw-Hill, New York 1971, ISBN 0070602166.

Jon Mathews, R. L. Walker, *Mathematical Methods of Physics*, Second Edition, W. A. Benjamin, New York (1970), SBN 805370021.

David Halliday, Robert Resnick, with the assistance of John Merrill, *Fundamentals of Physics*, Third Edition, Wiley, New York 1988, ISBN 0471819891. (Mark Loewe appears in a photograph on Page 219.)

Paul A. Tipler, *Physics for Scientists and Engineers*, Third Edition, Extended Version, Worth, New York 1991, ISBN 0879014326.

A. P. French, *Newtonian mechanics*, W. W. Norton, New York 1971, SBN 39309958X.

A. P. French, *Vibrations and waves*, W. W. Norton, New York 1971, ISBN 0393099245.

A. P. French, *Special relativity*, W. W. Norton, New York 1968, ISBN 0393097935.

Eugene Hecht, with contributions by Alfred Zajac, *Optics*, Second Edition, Addison-Wesley, Reading, Massachusetts 1987, ISBN 020111609X. (Reprinted with corrections, May 1990.)

Paul Lorrain and Dale Corson, *Electromagnetic Fields and Waves*, Second Edition, W. H. Freeman, San Francisco 1970, ISBN 0716703319.

Vernon Barger, Martin Olsson, *Classical Mechanics: A Modern Perspective*, Second Edition, McGraw-Hill, New York 1995, ISBN 0070037345.

Herbert Goldstein, *Classical Mechanics*, Second Edition, Addison-Wesley, Reading, Massachusetts 1980, ISBN 0201029189.

Arnold Sommerfeld, *Thermodynamics and Statistical Mechanics, Lectures on Theoretical Physics, Vol. 5*, Academic Press, New York 1956.

F. Reif, *Fundamentals of Statistical and Thermal Physics*, McGraw-Hill, New York 1965.

Herbert B. Callan, *Thermodynamics and an Introduction to Thermostatistics*, Second Edition, Wiley, New York 1985, ISBN 0471862568.

John J. Brehm and William J. Mullin, *Introduction to the Structure of Matter: A Course in Modern Physics*, Wiley, New York 1989, ISBN 047160531X.

A. P. French, Edwin F. Taylor, *An Introduction to Quantum Physics*, Van Nostrand Reinhold, London 1979, ISBN 0442307705.

Jean-Marc Lévy-Leblond, Françoise Balibar, *Quantics: Rudiments of Quantum Physics*, English translation by S. Twareque Ali, North Holland, Amsterdam 1990, ISBN 0444881204.

John S. Townsend, *A Modern Approach to Quantum Mechanics*, Second Edition, University Science Books, Mill Valley, California 2012, ISBN 9781891389788.

Arno Bohm, *Quantum Mechanics: Foundations and Applications*, Third Edition, Revised and Enlarged, Prepared with Mark Loewe, Springer-Verlag, New York 1993, ISBN 0387979441, ISBN 3540979441. (Third Indian Reprint, with corrections, 2011, ISBN 9788181280725.)

Irving Ezra Segal, *Mathematical Cosmology and Extragalactic Astronomy*, Academic Press, New York, 1976, ISBN 012635250X.