

## Books

### **Computational Physics and Numerical methods (sorted by years)**

- A Survey of Computational Physics by R.H. Landau, M. J. Paez and C. C. Bordeianu, Princeton University Press (2008).
- Computational Physics, by J. M. Thijssen, Cambridge University Press (2007) (2<sup>nd</sup> edition)
- Introductory Computational Physics by A. Klein and A. Godunov, Cambridge University Press (2006)
- An Introduction to Computer Simulation Methods: Applications to Physical Systems (3rd Edition) by Harvey Gould, Jan Tobochnik, Wolfgang Christian, Addison Wesley (2006)
- Computation In Modern Physics, by W.R. Gibbs, World Scientific (2006)
- A First Course in Scientific Computing: Symbolic, Graphic, and Numeric Modeling Using Maple, Java, Mathematica, and Fortran90 by Rubin H. Landau, Princeton University Press (2005)
- A First Course in Computational Physics and Object-Oriented Programming with C++ by David Yevick, Cambridge University Press (2005)
- Data Analysis with Excel. An Introduction for Physical Sciences by Les Kirkup, Cambridge University Press (2002)
- Numerical Methods for Engineers and Scientists by Joe D. Hoffman. 2<sup>nd</sup> Edition, Marcel Dekker, Inc. (2001)
- Physics By Computer, W. Kinzel and G. Reents, Springer (1998)
- Computational Physics: Problem Solving with Computers, by R. H. Landau and M. J. Paez, John Wiley & Sons (1997).
- An Introduction to Computational Physics, by T. Pang, Cambridge University Press (1997).
- An Introduction to Computer Simulation Methods: Applications to Physical Systems by Harvey Gould, Jan Tobochnik, Pearson Education POD; 2nd edition (1996).
- Computational Physics by Nicholas J. Giordano, Pearson Education (1996)
- Computational Physics by Steven E. Koonin (1986)