

## Physics

- [1] J.C. Maxwell. *A Treatise on Electricity and Magnetism*, volume I. Dover, 1954.
- [2] J.C. Maxwell. *A Treatise on Electricity and Magnetism*, volume II. Dover, 1954.
- [3] J. A. Stratton. *Electromagnetic Theory*. McGraw-Hill, Inc., 1941.
- [4] Ziegler, F. *Mechanics of Solids and Fluids*. Springer, New York, 1995.
- [5] Mayergoyz, I.D. *Mathematical Models of Hysteresis*. Springer Verlag, New York, 1991.

## Physics and Numerics

- [1] M. Kaltenbacher. *Numerical Simulation of Mechatronic Sensors and Actuators*. Springer Berlin-Heidelberg-New York, 2004. ISBN: 3-540-20458-X.
- [2] K.J Binns, P.J. Lawrenson, and C.W. Trowbridge. *The Analytical and Numerical Solution of Electric and Magnetic Fields*. John Wiley, 1992.
- [3] N. Ida and P.A. Bastos. *Electro-Magnetics and Calculation of Fields*. Springer, 1997.
- [4] P. Silvester and R. Ferrari. *Finite Elements for Electrical Engineers*. Cambridge, 1996.
- [5] O.C. Zienkiewicz and R.L. Taylor. *The Finite Element Method*, volume 1. McGraw-Hill, 1994.
- [6] O.C. Zienkiewicz and R.L. Taylor. *The Finite Element Method*, volume 2. McGraw-Hill, 1994.
- [7] K.J. Bathe. *Finite Element Procedures*. Prentice Hall, 1996.
- [8] T. Belytschko, K Lui, W, and B. Moran. *Nonlinear Finite Elements for Continua and Structures*. Wiley, 2000.
- [9] T.J.R. Hughes. *The Finite Element Method*. Prentice-Hall, New Jersey, 1 edition, 1987.
- [10] J.H. Ferziger and M. Peric. *Computational Methods for Fluid Dynamics*. Springer, 2002.
- [11] H.C. Huang and A.S. Usmani. *Finite Element Analysis of Heat Transfer*. Springer, 1994.