A Multimedia Software for the Analysis and Design of Circuits and Electronics

PC-based material is created for the analysis and design of circuits and electronics. A Windows version of PSpice, DesignLab 8.0, which is a circuit simulation primer from MicroSim, was used to develop the materials which cover DC circuits, AC circuits, and Monte Carlo analysis. Examples are given to illustrate how to set up and run the different analyses.Exercises are given with simulation results. The multimedia software are on an auto-run CD, and can be browsed with Internet Explorer. The software are also stored on a web server, and can be accessed via World Wide Web.