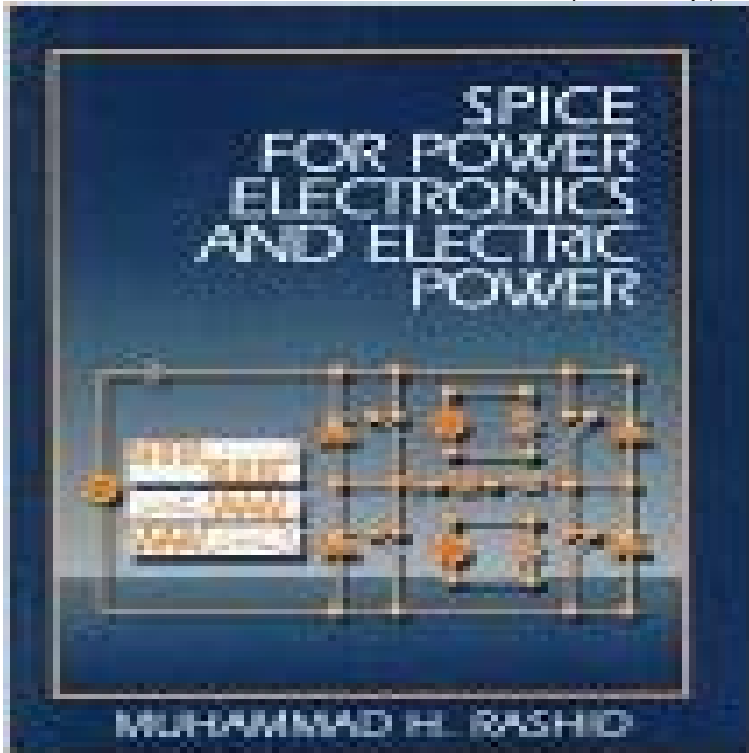


Power Electronics Laboratory Using Spice: With Study Guide



This course provides a well-organized, step-by-step demonstration of how SPICE/PSpice can be used in the simulation and verification of power electronics converter performance. Students will learn how to obtain device I-v characteristics, time-to main transient and steady-state waveforms, frequency domain fourier data and important performance indices such as average values, forms values, ripple factor, power factor and THD. The course is useful for engineers, engineering managers, and technicians who are interested in the applications of SPICE simulation for analysis and design of power electronics circuits and systems. A B.S. in Engineering, Engineering Technology or equivalent experience is recommended.

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