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Nota di contenuto	Front Cover; Contents; Preface; Acknowledgments; Author; Chapter 1 - Introduction; Chapter 2 - Circuit Descriptions; Chapter 3 - Defining Output Variables; Chapter 4 - Voltage and Current Sources; Chapter 5 - Passive Elements; Chapter 6 - Dot Commands; Chapter 7 - Diode Rectifiers; Chapter 10 - Resonant-Pulse Inverters; Chapter 11 - Controlled Rectifiers; Chapter 12 - AC Voltage Controllers; Chapter 13 - Control Applications; Chapter 14 - Characteristics of Electrical Motors; Chapter 15 - Simulation Errors, Convergence Problems, and Other Difficulties; Back Cover
Sommario/riassunto	Power electronics can be a difficult course for students to understand and for professors to teach. Simplifying the process for both, SPICE for Power Electronics and Electric Power, Third Edition illustrates methods of integrating industry standard SPICE software for design verification and as a theoretical laboratory bench. Helpful PSpice Software and Program Files Available for DownloadBased on the author Muhammad H. Rashid's considerable experience merging design content and SPICE into a power electronics course, this vastly improved