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Nota di contenuto	1. Introduction -- 2. Resistive circuits -- 3. Inductance and capacitance -- 4. Transients -- 5. Steady-state sinusoidal analysis -- 6. Frequency response, bode plots, and resonance -- 7. Logic circuits -- 8. Computers and microcontrollers -- 9. Computer-based instrumentation systems -- 10. Diodes -- 11. Amplofiers: specifications and external characteristics -- 12. Field-effect transistors -- 13. Bipolar junction transistors -- 14. Operational amplifiers -- 15. Magnetic circuits and transformers -- 16. DC machines -- 17. AC machines -- Appendices.
Sommario/riassunto	Electrical Engineering: Principles and Applications, 6e helps students learn electrical-engineering fundamentals with minimal frustration. Its goals are to present basic concepts in a general setting, to show students how the principles of electrical engineering apply to specific problems in their own fields, and to enhance the overall learning process. Circuit analysis, digital systems, electronics, and electromechanics are covered. A wide variety of pedagogical features stimulate student interest and engender awareness of the material's relevance to their chosen profession.

