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Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di contenuto	front cover; copyright; table of contents; front matter; List of Figures; List of Tables; Preface; body; 1. Electric Power; 1.1. AC versus DC; 1.2. Pivotal Inventions; 1.3. Generation; 1.4. Electric Traction; 1.5. Electric Utilities; 1.6. In-Plant Distribution; 1.7. Emergency Power; 2. Power Apparatus; 2.1. Switchgear; 2.2. Surge Suppression; 2.3. Conductors; 2.4. Capacitors; 2.5. Resistors; 2.6. Fuses; 2.7. Supply Voltages; 2.8. Enclosures; 2.9. Hipot, Corona, and BIL; 2.10. Spacings; 2.11. Metal Oxide Varistors; 2.12. Protective Relays; 3. Analytical Tools; 3.1. Symmetrical Components 3.2. Per Unit Constants 3.3. Circuit Simulation; 3.4. Simulation Software; 4. Feedback Control Systems; 4.1. Basics; 4.2. Amplitude Responses; 4.3. Phase Responses; 4.4. PID Regulators; 4.5. Nested Control Loops; 5. Transients; 5.1. Line Disturbances; 5.2. Circuit Transients; 5.3. Electromagnetic Interference; 6. Traveling Waves; 6.1. Basics; 6.2. Transient Effects; 6.3. Mitigating Measures; 7. Transformers and Reactors; 7.1. Transformer Basics; 7.2. Construction; 7.3. Insulation Systems; 7.4. Basic Insulation Level; 7.5. Eddy Current Effects; 7.6. Interphase Transformers 7.7. Transformer Connections 7.8. Reactors; 7.9. Units; 7.10. Cooling;

7.11. Instrument Transformers; 8. Rotating Machines; 8.1. Direct Current Machines; 8.2. Synchronous Machines; 8.3. Induction (Asynchronous) Machines; 8.4. NEMA Designs; 8.5. Frame Types; 8.6. Linear Motors; 9. Rectifiers and Converters; 9.1. Early Rectifiers; 9.2. Mercury Vapor Rectifiers; 9.3. Silicon Diodes--The Semiconductor Age; 9.4. Rectifier Circuits--Single-Phase; 9.5. Rectifier Circuits--Multiphase; 9.6. Commutation; 10. Phase Control; 10.1. The SCR; 10.2. Forward Drop; 10.3. SCR Circuits--AC Switches; 10.4. SCR Motor Starters; 10.5. SCR Converters; 10.6. Inversion; 10.7. Gate Drive Circuits; 10.8. Power to the Gates; 10.9. SCR Autotapchangers; 10.10. SCR DC Motor Drives; 10.11. SCR AC Motor Drives; 10.12. Cycloconverters; 11. Series and Parallel Operation; 11.1. Voltage Sharing; 11.2. Current Sharing; 11.3. Forced Sharing; 12. Pulsed Converters; 12.1. Protective Devices; 12.2. Transformers; 12.3. SCRs; 13. Switchmode Systems; 13.1. Pulse Width Modulation; 13.2. Choppers; 13.3. Boost Converters; 13.4. The 'H' Bridge; 13.5. High-Frequency Operation; 13.6. Harmonic Injection; 13.7. Series Bridges; 14. Power Factor and Harmonics; 14.1. Power Factor; 14.2. Harmonics; 14.3. Fourier Transforms; 14.4. Interactions with the Utility; 14.5. Telephone Influence Factor; 14.6. Distortion Limits; 14.7. Zero-Switching; 15. Thermal Considerations; 15.1. Heat and Heat Transfer; 15.2. Air Cooling; 15.3. Water Cooling; 15.4. Device Cooling; 15.5. Semiconductor Mounting; 16. Power Electronics Applications; 16.1. Motor Drives and SCR Starters; 16.2. Glass Industry; 16.3. Foundry Operations; 16.4. Plasma Arcs and Arc Furnaces; 16.5. Electrochemical Supplies; 16.6. Cycloconverters; 16.7. Extremely Low-Frequency Communications

Sommario/riassunto

This book serves as an invaluable reference to Power Electronics Design, covering the application of high-power semiconductor technology to large motor drives, power supplies, power conversion equipment, electric utility auxiliaries and numerous other applications. Design engineers, design drafters and technicians in the power electronics industry, as well as students studying power electronics in various contexts, will benefit from Keith Sueker's decades of experience in the industry. With this experience, the author has put the overall power electronics design process in the context o

2. Record Nr.	UNINA9911150269203321
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Collana	IMF Working Papers
Altri autori (Persone)	BayoumiTamim SwistonAndrew
Disciplina	305.23/0971
Soggetti	Labor market - Canada Manpower policy - Canada Business Canada Economics Economy Employment Human migration Immigration Labour economics Macroeconomics Unemployment Aggregate Human Capital Aggregate Labor Productivity Demand and Supply of Labor: General Economic theory Emigration and Immigration Emigration and immigration Income economics Intergenerational Income Distribution International Migration

Labor market flexibility
Labor market
Labor markets
Labor
Labour
Migration
Migration, immigration & emigration
Real wages
Wages
Wages, Compensation, and Labor Costs: General
Population and demographics
income economics
Canada

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""I. INTRODUCTION""; ""II. DATA AND METHODOLOGY""; ""III. INTERNATIONAL COMPARISONS""; ""IV. RESULTS ACROSS CANADIAN PROVINCES""; ""V. EXTENDING THE CANADIAN MODEL""; ""VI. CONCLUSIONS""; ""REFERENCES""; ""Data Appendix""
Sommario/riassunto	We analyze the flexibility of the Canadian labor market across provinces in both an interand intra-national context using macroeconomic data on employment, unemployment, participation, and (for Canada) migration and real wages. We find that Canadian labor markets respond in a similar manner to their U.S. counterparts and are more flexible than those in major euro area countries. Within Canada, the results indicate that labor markets in Ontario and provinces further west are more flexible, particularly with regard to migration, while those further east are less so.