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Autore	Fisher Jody
Titolo	Complete jazz guitar method : mastering jazz guitar, improvisation // Jody Fisher
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Soggetti	Guitar - Instruction and study Improvisation (Music) - Instruction and study Jazz
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2. Record Nr.	UNINA9910144432103321
Autore	Horowitz Stanley H. <1925->
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Soggetti	Electric power systems -- Protection Electronic books. -- local Protective relays Protective relays - Protection Electric power systems Electrical Engineering Electrical & Computer Engineering Engineering & Applied Sciences
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di contenuto	POWER SYSTEM RELAYING; Contents; Preface to the third edition; Preface to the second edition; Preface to the first edition; 1 Introduction to protective relaying; 1.1 What is relaying?; 1.2 Power system structural considerations; 1.3 Power system bus configurations; 1.4 The nature of relaying; 1.5 Elements of a protection system; 1.6 International practices; 1.7 Summary; Problems; References; 2 Relay operating principles; 2.1 Introduction; 2.2 Detection of faults; 2.3 Relay

designs; 2.4 Electromechanical relays; 2.5 Solid-state relays; 2.6 Computer relays  
2.7 Other relay design considerations 2.8 Control circuits, a beginning; 2.9 Summary; Problems; References; 3 Current and voltage transformers; 3.1 Introduction; 3.2 Steady-state performance of current transformers; 3.3 Transient performance of current transformers; 3.4 Special connections of current transformers; 3.5 Linear couplers and electronic current transformers; 3.6 Voltage transformers; 3.7 Coupling capacitor voltage transformers; 3.8 Transient performance of CCVTs; 3.9 Electronic voltage transformers; 3.10 Summary; Problems; References  
4 Nonpilot overcurrent protection of transmission lines 4.1 Introduction; 4.2 Fuses, sectionalizers, reclosers; 4.3 Inverse, time-delay overcurrent relays; 4.4 Instantaneous overcurrent relays; 4.5 Directional overcurrent relays; 4.6 Polarizing; 4.7 Summary; Problems; References; 5 Nonpilot distance protection of transmission lines; 5.1 Introduction; 5.2 Stepped distance protection; 5.3 R-X diagram; 5.4 Three-phase distance relays; 5.5 Distance relay types; 5.6 Relay operation with zero voltage; 5.7 Polyphase relays; 5.8 Relays for multi-terminal lines; 5.9 Protection of parallel lines  
5.10 Effect of transmission line compensation devices 5.11 Loadability of relays; 5.12 Summary; Problems; References; 6 Pilot protection of transmission lines; 6.1 Introduction; 6.2 Communication channels; 6.3 Tripping versus blocking; 6.4 Directional comparison blocking; 6.5 Directional comparison unblocking; 6.6 Underreaching transfer trip; 6.7 Permissive overreaching transfer trip; 6.8 Permissive underreaching transfer trip; 6.9 Phase comparison relaying; 6.10 Current differential; 6.11 Pilot wire relaying; 6.12 Multi-terminal lines; 6.13 Summary; Problems; References  
7 Rotating machinery protection 7.1 Introduction; 7.2 Stator faults; 7.3 Rotor faults; 7.4 Unbalanced currents; 7.5 Overload; 7.6 Overspeed; 7.7 Abnormal voltages and frequencies; 7.8 Loss of excitation; 7.9 Loss of synchronism; 7.10 Power plant auxiliary system; 7.11 Winding connections; 7.12 Startup and motoring; 7.13 Inadvertent energization; 7.14 Torsional vibration; 7.15 Sequential tripping; 7.16 Summary; Problems; References; 8 Transformer protection; 8.1 Introduction; 8.2 Overcurrent protection; 8.3 Percentage differential protection; 8.4 Causes of false differential currents  
8.5 Supervised differential relays

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## Sommario/riassunto

The previous two editions of *Power System Relaying* offer comprehensive and accessible coverage of the theory and fundamentals of relaying and have been widely adopted on university and industry courses worldwide. With the third edition, the authors have added new and detailed descriptions of power system phenomena such as stability, system-wide protection concepts and discussion of historic outages. *Power System Relaying*, 3rd Edition continues its role as an outstanding textbook on power system protection for senior and graduate students in the field of electric power engineering

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