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ISBN	3-030-97067-1
Descrizione fisica	1 online resource (536 pages)
Collana	Advances in industrial control
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Soggetti	Control theory PID controllers
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I: The Big Picture1. Process Control Overview2. Process Control Knowledge FrameworkPart II: Essential Knowledge3. Basic PID Control4. Complex PID Control Loops5. PID Loop Tuning6. Advanced Process Control Part III: Analytic Skills and Problem Solving Methodology7. Methodology of Process Analysis8. Methodology of Process Control Design9. Methodology of Control Problem Troubleshooting Part IV: Process Control Typical10. Control Typical: Common Calculations11. Control Typical: Equipment Control12. Control Typical: Plant-Wide Control and Unit Control
Sommario/riassunto	Process Control details the core knowledge and practical skills that a successful process control practitioner needs. It explains the essential technologies that are in use in current industrial practice or which may be wanting for the future. The book focuses on practical considerations, not only on those that make a control solution work, but also on those that prevent it from failing, especially for complex control loops and plant-wide control solutions.