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Nota di contenuto	Preface. -- Acknowledgments. -- Acroyms. -- Part I. Design Principles of Modern Industrial Automation Systems. -- 1. Introduction. -- 2. Virtual Instrumentation. -- 3. Component-Based Measurement Systems. -- 4. Object-Oriented Software Engineering. -- 5. Graphical User Interface Design. -- 6. Database Management. -- 7. Software Testing. -- Part II. Real-World Applications. -- 8. Overview. -- 9. An Object-Oriented Reconfigurable Software. -- 10. Flexible Measurement Point Management. -- 11. A Blending System Using Multithreaded Programming. -- 12. A Flexible Automatic Test System for Rotating Turbine Machinery. -- 13. An Internet-Based Online Real-Time Condition Monitoring System. -- 14. Epilog. -- Index.
Sommario/riassunto	. The main subjects in this book relate to software development using cutting-edge technologies for real-world industrial automation applications. A hands-on approach to applying a wide variety of

emerging technologies to modern industrial practice problems. Explains key concepts through clear examples, ranging from simple to more complex problem domains, and all based on real-world industrial problems. A useful reference book for practicing engineers as well as an updated resource book for researchers.
