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Nota di contenuto	Cover; Title Page; Copyright; Dedication; Contents; Preface; The Author; Chapter 1 Introduction; Chapter 2 Rule-Based Systems; Chapter 3 Handling Uncertainty: Probability and Fuzzy Logic; Chapter 4 Agents, Objects, and Frames; Chapter 5 Symbolic Learning; Chapter 6 Single-Candidate Optimization Algorithms; Chapter 7 Genetic Algorithms for Optimization; Chapter 8 Neural Networks; Chapter 9 Hybrid Systems; Chapter 10 Artificial Intelligence Programming Languages; Chapter 11 Systems for Interpretation and Diagnosis; Chapter 12 Systems for Design and Selection; Chapter 13 Systems for Planning Chapter 14 Systems for ControlChapter 15 The Future of Intelligent Systems; References; Index
Sommario/riassunto	The third edition of this bestseller examines the principles of artificial intelligence and their application to engineering and science, as well as techniques for developing intelligent systems to solve practical problems. Covering the full spectrum of intelligent systems techniques, it incorporates knowledge-based systems, computational intelligence, and their hybrids.Using clear and concise language, Intelligent Systems for Engineers and Scientists, Third Edition features updates and

improvements throughout all chapters. It includes expanded and separated chapter
