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Soggetti	Artificial intelligence Mathematical logic Pattern recognition Algorithms Application software Software engineering Artificial Intelligence Mathematical Logic and Formal Languages Pattern Recognition Algorithm Analysis and Problem Complexity Information Systems Applications (incl. Internet) Software Engineering
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Nota di contenuto	Research and development of AI systems possessing general intelligence at the human level and beyond -- Special focus on humanoid robotics and AGI -- Cognitive robotics, creativity and AGI -- Future evolution of advanced AGIs -- Dynamics of AGI goal systems.
Sommario/riassunto	This book constitutes the refereed proceedings of the 5th International Conference on Artificial General Intelligence, AGI 2012, held in Oxford, UK, in December 2012. The 34 revised full papers presented together with 4 invited keynote lectures were carefully reviewed and selected from 80 submissions. The papers are written by leading scientists

involved in research and development of AI systems possessing general intelligence at the human level and beyond; with a special focus on humanoid robotics and AGI, cognitive robotics, creativity and AGI, the future evolution of advanced AGIs, and the dynamics of AGI goal systems.
