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Titolo	A Construction Manual for Robots' Ethical Systems : Requirements, Methods, Implementations // edited by Robert Trappi
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Soggetti	Artificial intelligence Control engineering Robotics Mechatronics User interfaces (Computer systems) Ethics Computers and civilization Artificial Intelligence Control, Robotics, Mechatronics User Interfaces and Human Computer Interaction Computers and Society
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Robots' Ethical Systems: From Asimov's Laws to Principlism, from Assistive Robots to Self-driving Cars -- Robot: Multi-use Tool and Ethical Agent -- Towards Human--Robot Interaction Ethics -- Shall I Show You Some Other Shirts Too? The Psychology and Ethics of Persuasive Robots -- Ethical Regulation of Robots Must Be Embedded in Their Operating Systems -- Non-monotonic Resolution of Conflicts for Ethical Reasoning -- Grafting Norms onto the BDI Agent Model -- Constrained Incrementalist Moral Decision Making for a Biologically Inspired Cognitive Architecture -- Case-Supported Principle-Based Behavior Paradigm -- The Potential of Logic Programming as a Computational Tool to Model Morality.

Sommario/riassunto

This book will help researchers and engineers in the design of ethical systems for robots, addressing the philosophical questions that arise and exploring modern applications such as assistive robots and self-driving cars. The contributing authors are among the leading academic and industrial researchers on this topic, and the book will be of value to researchers, graduate students, and practitioners engaged with robot design, artificial intelligence, and ethics.
