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Nota di contenuto	Part 1 ethics of ai -- The ethics of artificial intelligence -- Core ethical principles in ai -- Analysis of ethical frameworks for ai -- Ethical challenges in ai -- Case studies in ai ethics -- Part 2 Ethics of ai by design -- Introduction to ai ethics by design -- Ethical considerations in requirements engineering for ai applications -- Ethical design principles for ai applications in healthcare -- Ai ethics by design with ai reference architecture embedding ethics by design in ai architecture -- Ethical ai development -- Ethical ai testing and evaluation against governance and frameworks -- Quality assurance framework for ai ethics by design -- Part 3 future directions and emerging topics in ai ethics -- Future directions and emerging issues in ai ethics -- Ai ethics for explainability -- Engineering ai ethics for transparency -- Ai ethics in generative ai -- Ethical considerations in ai agents.
Sommario/riassunto	This book addresses the growing need for ethical considerations in the development and deployment of Artificial Intelligence (AI) systems. As AI technologies continue to advance at an unprecedented pace, they

bring transformative benefits across industries but also raise significant ethical challenges, such as bias, accountability, transparency, and societal impact. This book bridges the gap between theoretical ethical principles and practical engineering practices, offering a comprehensive guide for embedding ethics into the AI development lifecycle. By focusing on actionable frameworks, case studies, and engineering-centric approaches, the book equips readers with the tools to design and implement AI systems that are not only innovative but also responsible and aligned with societal values.

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