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Titolo	Robots and Art : Exploring an Unlikely Symbiosis / / edited by Damith Herath, Christian Kroos, Stelarc
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ISBN	9789811003219 9811003211
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (452 p.)
Collana	Cognitive Science and Technology, , 2195-3988
Disciplina	702.85
Soggetti	Computational intelligence Arts Automatic control Robotics Mechatronics Optical data processing Artificial intelligence Application software Computational Intelligence Fine Arts Control, Robotics, Mechatronics Computer Imaging, Vision, Pattern Recognition and Graphics Artificial Intelligence Computer Appl. in Arts and Humanities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Historical review -- Contemporary works of robotic art -- Robotic research and the arts -- Working together -- On the horizon.
Sommario/riassunto	The first compendium on robotic art of its kind, this book explores the integration of robots into human society and our attitudes, fears and hopes in a world shared with autonomous machines. It raises questions about the benefits, risks and ethics of the transformative changes to society that are the consequence of robots taking on new roles

alongside humans. It takes the reader on a journey into the world of the strange, the beautiful, the uncanny and the daring – and into the minds and works of some of the world's most prolific creators of robotic art. Offering an in-depth look at robotic art from the viewpoints of artists, engineers and scientists, it presents outstanding works of contemporary robotic art and brings together for the first time some of the most influential artists in this area in the last three decades.

Starting from a historical review, this transdisciplinary work explores the nexus between robotic research and the arts and examines the diversity of robotic art, the encounter with robotic otherness, machine embodiment and human–robot interaction. Stories of difficulties, pitfalls and successes are recalled, characterising the multifaceted collaborations across the diverse disciplines required to create robotic art. Although the book is primarily targeted towards researchers, artists and students in robotics, computer science and the arts, its accessible style appeals to anyone intrigued by robots and the arts.

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