

Robots Facts Behind The Fiction

**Marco Nørskov, Johanna Seibt, Oliver
Santiago Quick**



Robots Facts Behind The Fiction:

Robots Michael Chester, 1983 Describes the development of robots which paralleled that of computers how robots work and the many functions they fulfill with emphasis on robots built by amateur hobbyists *Aliens, Robots & Virtual Reality Idols in the Science Fiction of H. P. Lovecraft, Isaac Asimov and William Gibson* John L. Steadman, 2020-10-30 Steadman's comprehensive guide wrestles with the concept of the alien applying cutting edge theoretical and philosophical ideas to the work of some of the greats of Science Fiction to arrive at a set of exciting new discoveries about what the genre says it means to be human Reading *Aliens Robots and Virtual Reality Idols* guarantees that you will never look at the writing of Lovecraft Asimov or Gibson in the same way again Dr David Simmons Senior Lecturer in English and Screen Studies University of Northampton H P Lovecraft's aliens are extra terrestrial dimensional entities totally unlike any other aliens in science fiction literature In contrast Isaac Asimov's and William Gibson's aliens are human created positronic robots and virtual reality constructs or idols Lovecraft's great theme is alien indifferentism tinged with a malevolence that escalates into an existential apocalyptic threat against humankind while for Asimov and Gibson alien inclusionism is the norm The robots and the VR idols integrate into society and their influence appears to be beneficial But this is only on the surface In this book John L Steadman demonstrates that there is ultimately little difference between alien indifferentism and alien inclusionism in the fictional works of these three great writers For in fact the robots and the VR idols evolve into monsters whose actions bring about outcomes which are every bit as terrifying as anything in Lovecraft's work Humans tend to be isolated alienated The reader is invited to question this and to consider the possibility that an alien perspective or platform might perhaps be crucial if we intend on seeing ourselves clearly and understanding exactly what it means to be human

Social Robots Paula Sweeney, 2023-12-06 Social robots are an increasingly integral part of society already appearing as customer service assistants care home helpers teaching assistants and personal companions This book argues that the wider inclusion of social robots in our society is having a revolutionary impact on some of our key intuitions regarding ethics metaphysics and epistemology and as such will put pressure on many of our best theories Social robots elicit an emotional and social response in humans that some have taken to be evidence that robots deserve moral consideration Others have argued that as robots are only machines we should avoid designing robots that encourage emotional engagement The fictional dualism model provides a new way for us to view social robots and a new route for our continued relationship with them When we engage with a social robot we create a fictional overlay that has wants needs and desires Our emotional attachment to social robots is a natural continuation of our relationship to fiction a life enhancing and important connection but not one that prompts moral consideration for the fictional entity In this book Paula Sweeney shows how the fictional dualism model of social robots differs from other popular models In addition to providing a distinctive and ethically appropriate framework for emotional engagement without moral consideration the model provides conditions for trusting

social robots and uniquely allows us to individuate social robots as distinct persons even in contexts in which they share a collective mind

An Anthropology of Robots and AI Kathleen Richardson, 2015-02-11 This book explores the making of robots in labs at the Massachusetts Institute of Technology MIT It examines the cultural ideas that go into the making of robots and the role of fiction in co constructing the technological practices of the robotic scientists The book engages with debates in anthropological theorizing regarding the way that robots are reimagined as intelligent autonomous and social and weaved into lived social realities Richardson charts the move away from the worker robot of the 1920s to the social one of the 2000s as robots are reimagined as companions friends and therapeutic agents

Culture and Human-Robot Interaction in Militarized Spaces Julie Carpenter, 2016-02-26 Explosive Ordnance Disposal EOD personnel are some of the most highly trained people in the military with a job description that spans defusing unexploded ordnance to protecting VIP s and state dignitaries EOD are also one of the first military groups to work with robots every day These robots have become an increasingly important tool in EOD work enabling people to work at safer distances in many dangerous situations Based on exploratory research investigating interactions between EOD personnel and the robots they use this study richly describes the nuances of these reciprocal influences especially those related to operator emotion associated with the robots In particular this book examines the activities processes and contexts that influence or constrain everyday EOD human robot interactions what human factors are shaping the robotic technology and how people and culture are being changed by using it The findings from this research have implications for future personnel training and the refinement of robot design considerations for many fields that rely on critical small group communication and decision making skills

CliffsNotes on Asimov's Foundation Trilogy & Other Works L. David Allen, 1977-05-18 The original CliffsNotes study guides offer expert commentary on major themes plots characters literary devices and historical background all to help you gain greater insight into great works you re bound to study for school or pleasure In CliffsNotes on Asimov s Foundation Trilogy and Other Works you explore the American author s original three Foundation books the three Empire novels The End of Eternity and The Gods Themselves The Foundation Trilogy written between 1951 53 is celebrated science fiction writer Isaac Asimov s most famous work In the three book series he portrays the ruin and rebirth of a futuristic interstellar empire In this study guide you ll find Life and Background on the Author Introduction to Asimov s Science Fiction and Critical Commentaries on Foundation Foundation and Empire and Second Foundation plus a look inside the following other titles by this prolific writer Pebble in the Sky The Stars Like Dust The Currents of Space The End of Eternity The Gods Themselves Classic literature or modern day treasure you ll understand it all with expert information and insight from CliffsNotes study guides

Culturally Sustainable Social Robotics Marco Nørskov, Johanna Seibt, Oliver Santiago Quick, 2021-01-15 The subject of social robotics has enormous projected economic significance However social robots not only present us with novel opportunities but also with novel risks that go far beyond safety issues It is a potentially highly disruptive technology which could negatively affect

the most valuable parts of the fabric of human social interactions in irreparable ways Since engineering educations do not yet offer the necessary competences to analyze holistically assess and constructively mitigate these risks new alliances must be established between engineering and SSH disciplines with special emphasis on the humanities i e disciplines specializing in the analysis of socio cultural interactions and human experience The Robophilosophy Conference Series was established in 2014 with the purpose of creating a new forum and catalyzing the research discussion in this important area of applied humanities research with focus on robophilosophy Robophilosophy conferences have been the world s largest venues for humanities research in and on social robotics The book at hand presents the proceedings of Robophilosophy Conference 2020 Culturally Sustainable Social Robotics the fourth event in the international biennial Robophilosophy Conference Series which brought together close to 400 participants from 29 countries The speakers of the conference whose contributions are collected in this volume were invited to offer concrete proposals for how the Humanities can help to shape a future where social robotics is guided by the goals of enhancing socio cultural values rather than by utility alone The book is divided into 3 parts Abstracts of Plenaries which contains 6 plenary sessions Session Papers with 44 papers under 8 thematic categories and Workshops containing 25 items on 5 selected topics Providing concrete proposals from philosophers and other SSH researchers for new models and methods this book will be of interest to all those involved in developing artificial social agents in a culturally sustainable way that is also a fortiori ethically responsible

Unveiling the Robot Revolution: From Mythos to Reality Pasquale De Marco, 2025-07-15 In the annals of human history the quest to create artificial beings has captivated imaginations for centuries From ancient tales of mechanical men to modern day marvels of engineering robots have become an integral part of our world This comprehensive book delves into the fascinating realm of robotics exploring its rich history intricate anatomy diverse applications and profound implications for society As we stand on the cusp of a robot revolution it is essential to understand the transformative potential of these machines This book provides a thorough examination of the field of robotics shedding light on the cutting edge technologies that are propelling it forward With accessible language and engaging narratives it unravels the complexities of robotics making it approachable for readers of all backgrounds Delving into the history of robotics the book traces the remarkable journey from ancient automatons to the sophisticated machines of today It pays homage to the pioneering minds that laid the foundation for this field highlighting their groundbreaking contributions The book also delves into the intricate anatomy of robots explaining the hardware components sensors processors and actuation systems that enable their movement and intelligence Exploring the practical applications of robotics the book showcases the remarkable impact these machines are making across industries From revolutionizing manufacturing processes to assisting in surgical procedures robots are transforming the way we work live and interact with the world around us The book also examines the ethical and societal implications of robotics raising important questions about the impact on employment privacy and human interaction With a keen eye for detail the book

provides a comprehensive overview of the field of robotics. It offers a thought provoking exploration of the potential benefits and risks associated with this rapidly evolving technology encouraging readers to engage in meaningful discussions on these critical issues. Whether you are a seasoned robotics enthusiast or simply curious about the future of technology this book is an invaluable resource for anyone seeking to understand the profound implications of robots in our world. If you like this book write a review

Sophia Robot Thomas Riccio, 2024-06-14 This book considers David Hanson's robots as a performative expression of our cultural moment serving as a paradigm for the evolution of humanoid social robots. Mechanical beings have occupied the human imagination since antiquity. Now they inhabit the pop cultural imagination embodying the apotheosis of humanity's technological aspirations and dread. Sophia, Hanson's most advanced robot, anticipates the future as she articulates the mythic pattern, narrative anxieties and hopes as old as humanity. Gendered as an attractive female with a face inspired by Queen Nefertiti and Audrey Hepburn, Sophia is a cipher, avatar and turning point that brings humanity and technology a step closer to the emergence of a post human species. The author is a transdisciplinary artist, scholar, educator working internationally in experimental performance, indigenous performance, ritual, shamanism and social robotics. Hanson's robots and Sophia are examined as performance media and events as characters evolving as post human narratives of technological beings. The emergent complex and collaborative relationships social robots have with technology, AI, performance, anthropology, mythology, psychology, sociology, popular culture, social media, politics and economics are considered.

Science Fact and Science Fiction Brian M. Stableford, 2006 Publisher description

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