1.	Record Nr.	UNINA9910463676503321
	Titolo	Black and brown planets : the politics of race in science fiction / / edited by Isiah Lavender, III
	Pubbl/distr/stampa	Jackson, Mississippi : , : University Press of Mississippi, , 2014 ©2014
	ISBN	1-62674-068-2
	Descrizione fisica	1 online resource (259 p.)
	Disciplina	813/.08762093529
	Soggetti	Science fiction, American - History and criticism Race in literature Minorities in literature Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Sommario/riassunto	"Black and Brown Planets embarks on a timely exploration of the American obsession with color in its look at the sometimes contrary intersections of politics and race in science fiction. The contributors explore science fiction worlds of possibility , lifting blacks, Latin Americans, and indigenous peoples out from the background of this historically white genre. This collections considers the role of race and ethnicity in our visions of the future. The first section emphasizes the political elements of black identity portrayed in science fiction from black America to the vast reaches of interstellar space. In the next section, analysis of indigenous science fiction addresses the effects of colonization, helps discard the emotional and psychological baggage carried from its impact, and recovers ancestral traditions in order to adapt in a pot-Native-apocalyptic world. Likewise, this section explores the affinity between science fiction and subjectivity in Latin American cultures from the role of science and industrialization to the effects of being in and moving between two cultures. By infusing more color into this otherwise monochrome genre, Black and Brown Planets imagines alternate racial galaxies in which people of color determine human

destiny"--

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2. **Record Nr.** UNINA9911021154003321

Autore Reddy C. Kishor Kumar

Titolo Interplay of Artificial General Intelligence with Quantum Computing : Towards Sustainability / / edited by C. Kishor Kumar Reddy, Shenson Joseph, Herat Joshi, Mariya Ouaissa, Marlia Mohd Hanafiah

Pubbl/distr/stampa Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025

ISBN 3-031-87931-7

Edizione [1st ed. 2025.]

Descrizione fisica 1 online resource (562 pages)

Collana Sustainable Artificial Intelligence-Powered Applications, IEREK Interdisciplinary Series for Sustainable Development, , 3005-1770

Altri autori (Persone) JosephShenson
JoshiHerat
OuaissaMariya
Marlia Mohd. Hanafiah

Disciplina 006.3

Soggetti Artificial intelligence
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Quantum Computing

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Formato Materiale a stampa

Livello bibliografico Monografia

Nota di contenuto 1. Shaping Tomorrow: The Convergence of Artificial General Intelligence and Quantum Computing -- 2. Evolution of Artificial Intelligence and Quantum Computing -- 3. Architecture of Quantum Neural Networks: Design and Implementation -- 4. Quantum- Based Computing and Machine Learning Convergence: Paving the Path to Artificial General Intelligence -- 5. Synergizing Quantum Computing and Machine Learning for Superior Artificial General Intelligence -- 6. Deep dive into Generative, Federative and Explainable Models for Integrating Artificial General Intelligence into Quantum Computing -- 7. AGI: A Transformational Paradigm: Comprehension and Navigation of Future Intelligence -- 8. Enhancing Metaheuristics: The Role of

Quantum-Inspired Soft Computing -- 9. Quantum Algorithms for AGI: Unlocking the Potential of Superintelligence -- 10. Ethical AI Development: Mitigating Bias in Generative Models -- 11. Future Frontiers: The Role of AGI and Quantum Computing in Solving Complex Global Problems -- 12. Toward Autonomous Quantum Systems: AGI-Driven Self-Optimization and Quantum Computing Synergy -- 13. Quantum Machine Learning for AGI: Redefining Intelligence Through Quantum Algorithms -- 14. Quantum-Enhanced Artificial General Intelligence: Bridging Computational Paradigms -- 15. Quantum-Infused Deep Learning Frameworks Utilizing Quantum-Enhanced Feature Extraction to Propel AGI -- 16. Streamflow Forecasting in the Downstream Catchment of Mahanadi River Basin using AI and Quantum Computing -- 17. Integrating Neural Networks with Quantum Chips: Converging Two Cutting-Edge Frontiers -- 18. Orchestrating Intelligence: Governance and Leadership Frameworks for Human-AGI Collaboration in Quantum Systems.

| Sommario/riassunto | This book investigates the dynamic relationship between artificial general intelligence (AGI) and quantum computing. AGI refers to a form of AI capable of performing any intellectual task that a human can, while quantum computing utilizes quantum mechanics principles to process information in fundamentally different ways compared to classical computing. This interplay explores how quantum computing might enhance AGI by accelerating complex computations and optimizing learning algorithms, potentially enabling AGI systems to solve problems beyond the reach of traditional computers. It also examines the challenges and opportunities presented by combining these technologies, including theoretical implications and practical applications in advancing AI capabilities. This book examines the groundbreaking intersection of artificial general intelligence (AGI) and quantum computing. The book explores how AGI, which aims to replicate human-like cognitive abilities, can be enhanced by quantum computing's unique processing capabilities. It delves into theoretical foundations, practical applications, and potential synergies, illustrating how quantum computing could tackle complex computational challenges inherent in AGI development. By integrating these advanced technologies, the book provides a comprehensive analysis of their combined impact, offering insights into future advancements and the transformative potential of merging AGI with quantum computing. |