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	Soggetti	Computational intelligence
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	Nota di contenuto	Research on Quantum State Monitoring Model for Automated Business Processing Combined with Computerization -- Analysis of Snow Brush Hair Movement Trajectory Based on MATLAB Simulation -- Performance Evaluation of Advanced Machine Learning Algorithms for Surface Defect Detection -- Studies on Signal Processing and Visual Computing Applications of Deep Learning.
	Sommario/riassunto	This book delivers a practical, forward-looking guide to cutting-edge developments at the intersection of information science, computing, and technology, equipping readers to bridge theoretical advancements with real-world application. By prioritizing actionable insights over abstract theory, it addresses the gap between rapid tech evolution and the need for accessible, applicable knowledge for professionals and learners alike. Rather than organizing content by traditional subdisciplines, this book adopts an interdisciplinary, problem-centric approach This novelty ensures readers grasp how technologies interact to solve complex challenges, a perspective often missing in more siloed

texts. Intended for a broad audience, it serves as a go-to resource for tech professionals seeking to update their skills, upper-level undergraduate/graduate students in related fields, and researchers needing a concise overview of cross-domain progress.