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Descrizione fisica	1 online resource (641 pages)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Disciplina	621
Soggetti	Engineering design
	Control engineering
	Robotics
	Automation
	Low temperatures
	Manufactures
	Materials - Analysis
	Fluid mechanics
	Engineering Design
	Control, Robotics, Automation
	Low Temperature Physics
	Machines, Tools, Processes
	Characterization and Analytical Technique
	Engineering Fluid Dynamics
Lingua di pubblicazione	
Formato	Materiale a stampa
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Nota di contenuto	 Papers on Design and Optimization 2. Papers on Energy and Smart Materials 3. Papers on Cryogenics 4. Papers on Manufacturing.
Sommario/riassunto	This book comprises select proceedings of the International Conference on Design, Materials, Cryogenics and Constructions (ICDMC 2019). The chapters cover latest research in different areas of mechanical engineering such as additive manufacturing, automation in industry and agriculture, combustion and emission control, CFD, finite element

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analysis, and engineering design. The book also focuses on cryogenic systems and low-temperature materials for cost-effective and energyefficient solutions to current challenges in the manufacturing sector. Given its contents, the book can be useful for students, academics, and practitioners.