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Nota di contenuto	Robotics and Automation.- Computational Intelligence.- Design and Optimization.- Product Life-cycle Management -- Integration of CAD/CAPP/CAM/CIMS.- Advanced Manufacturing Systems -- Manufacturing Operations Management.- Knowledge-based Manufacturing -- Manufacturing Quality Control and Management. - Sustainable Production.- Diagnosis and Prognosis of Machines. - Industry 4.0.- Lean and Agile Manufacturing.- Virtual and Grid Manufacturing -- Resource and Asset Management.-Logistics and Supply Chain Management.- Fashion Logistics and Marketing -- RFID Applications.- Predictive Maintenance.- Reliability and Maintainability in Manufacturing.- Project Management.- Renewable Energy Development.- Knowledge management and Decision making.
Sommario/riassunto	The proceeding brings together a selection of papers from the 7th International Workshop of Advanced Manufacturing and Automation

(IWAMA 2017), held in Changshu Institute of Technology, Changshu, China on September 11–12, 2017. Most of the topics are focusing on novel techniques for manufacturing and automation in Industry 4.0. These contributions are vital for maintaining and improving economic development and quality of life. The proceeding will assist academic researchers and industrial engineers to implement the concepts and theories of Industry 4.0 in industrial practice, in order to effectively respond to the challenges posed by the 4th industrial revolution and smart factories.

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