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Soggetti	Manufactures Computer-aided engineering Materials Engineering design Machines, Tools, Processes Computer-Aided Engineering (CAD, CAE) and Design Materials Engineering Engineering Design
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Sommario/riassunto	The book covers various topics in mechanical engineering, with a special attention to machine design, product assembly, technological aspects of production, mechatronics and production maintenance. Based on peer-reviewed papers presented at the 7th International Scientific-Technical Conference MANUFACTURING 2022, held in Poznan, Poland, on May 16-19, 2022, the different chapters describe cutting-edge research and methods fostering automation and optimization of industrial processes and machining, with an emphasis on energy-efficient and ecological solutions. All in all, this book offers a timely guide for researchers and professionals in mechanical engineering and manufacturing, yet it is also intended to foster communication and cooperation between universities and industrial partners.

