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	Autore	Kyratsis Panagiotis
	Titolo	3D FEA Simulations in Machining / / by Panagiotis Kyratsis, Anastasios Tzotzis, J. Paulo Davim
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
	ISBN	3-031-24038-3
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	Collana	Manufacturing and Surface Engineering, , 2365-8231
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	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Introduction in machining simulation methodologies -- State of the art in FEM-based machining simulations -- FEA simulations in turning -- FEA simulations in drilling -- FEA simulations in milling.
	Sommario/riassunto	This book covers machining simulations using advanced nonlinear finite element analysis (FEA) methodologies coupled with CAD-based techniques. The content increases awareness about the possibilities to reduce the actual experimental work via experimentally validated simulations using nonlinear finite element analysis.

