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Autore	Giordano Max
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ISBN	1-118-55792-1 1-299-18700-5 1-118-58749-9 1-118-58752-9
Descrizione fisica	1 online resource (575 p.)
Collana	ISTE
Altri autori (Persone)	MathieuLuc <1954-> VilleneuveFrancois <1960->
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Tolerance analysis and synthesis -- pt. 2. Simulation of assemblies -- pt. 3. Measurement -- pt. 4. Tolerancing in the PLM.
Sommario/riassunto	This book gives a comprehensive view of the most recent major international research in the field of tolerancing, and is an excellent resource for anyone interested in Computer Aided Tolerating. It is organized into 4 parts. Part 1 focuses on the more general problems of tolerance analysis and synthesis, for tolerancing in mechanical design and manufacturing processes. Part 2 specifically highlights the simulation of assembly with defects, and the influence of tolerances on the quality of the assembly. Part 3 deals with measurement aspects, and quality control throughout the life cycle.