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Titolo	Pose-varied Multi-axis Optical Finishing Systems : Theory and Process Validation // by Haobo Cheng
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015
ISBN	3-662-44182-9
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (162 p.)
Disciplina	620 621.3 621.36 629.892
Soggetti	Microwaves Optical engineering Manufactures Robotics Automation Lasers Photonics Microwaves, RF and Optical Engineering Manufacturing, Machines, Tools, Processes Robotics and Automation Optics, Lasers, Photonics, Optical Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Modeling on the coverage of free-form surfaces -- Definition and synthesis on orbit diversity -- Conquering the dynamic limitation of velocity -- Prediction on dwell effects and non-linear pressure distribution -- Correction on data matching and remounting errors.
Sommario/riassunto	This book focuses on advanced optical finishing techniques and design for high-performance manufacturing systems. It provides numerous detailed examples of how advanced automation techniques have been applied to optical fabrication processes. The simulations, removal rate

and accurate experimental results offer useful resources for engineering practice. Researchers, engineers and graduate students working in optical engineering and precision manufacture engineering will benefit from this book.

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