

1. Record Nr.	UNINA9910807080903321
Autore	Radzevich S. P (Stepan Pavlovich)
Titolo	Generation of surfaces : kinematic geometry of surface machining // Stephen P. Radzevich
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , [2014] ©2014
ISBN	9781040074633 1040074634 9780429170782 0429170785 9781482222135 1482222132
Edizione	[1st ed.]
Descrizione fisica	1 online resource (724 p.)
Disciplina	671.3/5 671.35
Soggetti	Machining - Mathematics Surfaces (Technology) - Mathematical models Machine parts - Computer-aided design Kinematic geometry
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	section I. Basics -- section II. Fundamentals -- section III. Application.
Sommario/riassunto	A commonly used practice in industry is the machining of sculptured part surfaces on a multiaxis numerical control (NC) machine. While this practice is vital, it is also a costly aspect of the surface generation process. After investing more than 40 years of research into the theory of part surface generation, the author of Generation of Surfaces: Kinematic Geometry of Surface Machining considers an approach that provides optimal machining while factoring in the lowest possible cost. This book presents the modern theory of part surface generation with a focus on kine