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ISBN	3-03826-629-9
Descrizione fisica	1 online resource (621 p.)
Collana	Advanced Materials Research, , 1662-8985 ; ; Volume 1018
Disciplina	670
Soggetti	Production engineering Electronic books.
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 at the end of each chapters and index.
Nota di contenuto	WGP Congress 2014; Preface, Organisation and Acknowledgements; Table of Contents; Keynotes; Gear Hobbing - Research Activities and State of the Art; Chapter 1: Assembly; Analysis and Visualisation of the Positioning Accuracy and Underlying Effects of Industrial Robots; Worker Information Systems Including Dynamic Visualisation: A Perspective for Minimising the Conflict of Objectives between a Resource-Efficient Use of Inspection Equipment and the Cognitive Load of the Worker; An Ultrasonic Non-Contact Handling Device from Quartz Glass for Middle and High Temperature Applications Spatial Programming for Industrial Robots: Efficient, Effective and User-Optimised through Natural Communication and Augmented Reality Structural Mechanics Process Simulation of Linear Coil Winding; Chapter 2: Cutting and Grinding; A Simulation Model for Analysis of Roll Tensioning of Circular Saw Blade; Advanced Machining Processes for CFRP; Analogy Studies of the Effect of Finishing on the Tribological Running-In Behaviour of Engine Components Using the Example of the Cylinder Running Surface; Analysing Internal Material Loads in

Manufacturing Processes

Analysis and Simulation of Surface Topographies in Grinding of Thermally Sprayed Coatings Analytical Model Approach for Tool Temperature Prediction in Broaching Nickel-Based Alloys; Binderless-cBN as Cutting Material for Ultra-Precision Machining of Stainless Steel; Dry and Residue-Free Cutting with High-Pressure CO₂-Blasting; Dry Ice Blasting as a Pre-Treatment Process for Electroplating; Enzymatic Degradation of Epoxy Resins: An Approach for the Recycling of Carbon Fiber Reinforced Polymers; Force Requirements in Shear Cutting of Metal-Polymer-Metal Composites

Interaction of Load and Residual Stresses in Sintered 1.3344 High Speed Steel Investigations on Cryogenic Turning to Achieve Surface Hardening of Metastable Austenitic Steel AISI 347; Material Behaviour of Armco-Iron and AISI 4140 at High Speed Deformation during Machining; Micromachining of Silicon - Study on the Material Removal Mechanism; Robot-Assisted Vibration Polishing of NiCo Retroreflector Moulds; Modelling of Tool Engagement and FEM-Simulation of Chip Formation for Drilling Processes; A New Approach for the Prediction of Surface and Subsurface Properties after Grinding

Chapter 3: Forming A New Method to Enhance the Accuracy of the Buckling Test Using Modified Yoshida Sample; Adjusting of Roller Levellers by Finite Element Simulations Including a Closed-Loop Control; An Improvement of the Time Dependent Method Based on the Coefficient of Correlation for the Determination of the Forming Limit Curve; Composite Hot Extrusion of Functional Elements; Considering Anisotropic Material Behaviour of Sheet Metals for Ductile Fracture Prediction; Design of an Electromagnetic System to Avoid Horizontal Ram Displacement

Development of a Pneumatic Bulge Test for High Temperatures and Controlled Strain Rates

Sommario/riassunto

Collection of Selected, Peer Reviewed Papers from the 2014 WGP Congress, , September 9-10, 2014, Erlangen, Germany. the 76 Papers are Grouped as Follows: Keynotes, Chapter 1: Assembly, Chapter 2: Cutting and Grinding, Chapter 3: Forming, Chapter 4: Machines, Chapter 5: Organisation

2. Record Nr.	UNICAMPANIAVAN0020934
Autore	Dell'Anno, Paolo
Titolo	Manuale di diritto ambientale / Paolo Dell'Anno
Pubbl/distr/stampa	Padova, : CEDAM, 2003
ISBN	88-13-24680-3
Edizione	[4. ed]
Descrizione fisica	XX, 795 p. ; 24 cm
Disciplina	344.046
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia