

Electrochemical Micromachining for Nanofabrication, MEMS and

Electrochemical Micromachining for Nanofabrication, MEMS and Nanotechnology is the first book solely dedicated to electrochemical micromachining (EMM). It begins with fundamentals, techniques, processes, and conditions, continuing with in-depth discussions of mechanisms of material removal, including an empirical model on the material removal rate for EMM (supported by experimental validation). The book moves next to construction-related features of EMM setup suitable for industrial micromachining applications, varying types of EMM, and the latest developments in the improvement of EMM setup. Further, it covers power supply, roll of electrolyte, and other major factors influencing EMM processes, and reports research findings concerning the improvement of machining accuracy and efficiency. Finally, the book devotes a chapter to the design and development of micro-tools, one of the most vital components in EMM.



145,50 €

135,98 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780323327374

Medium: Buch

ISBN: 978-0-323-32737-4

Verlag: Elsevier Science & Technology

Erscheinungstermin: 17.04.2015

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2015

Produktform: Gebunden

Gewicht: 820 g

Seiten: 296

Format (B x H): 191 x 235 mm

