Record Nr. UNINA9910144094303321 Microengineering of metals and ceramics . Part II Special replication **Titolo** techniques, automation and properties [[electronic resource] /] / volume editors, Detlef Lohe and Jurgen Haubelt Weinheim, : Wiley-VCH, c2005 Pubbl/distr/stampa **ISBN** 1-281-84299-0 9786611842994 3-527-61673-X 3-527-61695-0 Descrizione fisica 1 online resource (308 p.) Collana Advanced micro & nanosystems;; v4 Altri autori (Persone) LoheDetlef HausseltJurgen Disciplina 620.14 Soggetti Micromechanics Ceramic materials - Microstructure Metals - Microstructure Microtechnology Injection molding of ceramics Injection molding of metals Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia

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## Sommario/riassunto

Microstructures, electronics, nanotechnology - these vast fields of research are growing together as the size gap narrows and many different materials are combined. Current research, engineering sucesses and newly commercialized products hint at the immense innovative potentials and future applications that open up once mankind controls shape and function from the atomic level right up to the visible world without any gaps. Continuing from the previous volume, authors from three major competence centres for microengineering here cover all aspects of specialized replication techniques an