1. Record Nr. UNINA9911018921803321 Autore Kohler J. M (J. Michael), <1956-> **Titolo** Etching in microsystem technology / / Michael Kohler; translated by Antje Wiegand Weinheim;; New York,: Wiley-VCH, c1999 Pubbl/distr/stampa **ISBN** 9786611764265 9781281764263 1281764264 9783527613786 3527613781 9783527613793 352761379X Descrizione fisica 1 online resource (386 p.) Disciplina 621.3815/31 Soggetti Masks (Electronics) Microlithography Plasma etching Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references ([345]-360) and index. Nota di bibliografia Nota di contenuto Etching in Microsystem Technology; Preface; Contents; Table of Contents; Symbols; Abbreviations; 1 Introduction; 2 Distinctive Features of Microtechnical Etching; 2.1 Etching as a Fashioning Method; 2.1.1 Limits of Additive Microtechnical Pattern Generation; 2.1.2 Subtractive Pattern Generation; 2.2 Etch Rate and Selectivity; 2.2.1 Etch Rate and Time Request; 2.2.2 The Etching Process; 2.2.3 Transport Processes; 2.2.4 Process Velocities; 2.3. Isotropic and Anisotropic Etching; 2.4 Edge Geometry and Roughness; 2.4.1 Deviations from Ideal Geometry; 2.4.2 Flank Geometry in Isotropic Etching 2.4.3 Fabrication of Low Slope Angles by Isotropic Etching2.4.4 Flank Geometries in Anisotropic Etching; 2.4.5 Setting the Flank Geometry by Partial Anisotropic Etching; 2.5 Accuracy; 2.6 Monitoring of Etching Processes; 3 Wet-Chemical Etching Methods; 3.1 Etching at the

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Sommario/riassunto

Microcomponents and microdevices are increasingly finding application in everyday life. The specific functions of all modern microdevices depend strongly on the selection and combination of the materials used in their construction, i.e., the chemical and physical solid-state properties of these materials, and their treatment. The precise patterning of various materials, which is normally performed by lithographic etching processes, is a prerequisite for the fabrication of microdevices. The microtechnical etching of functional patterns is a multidisciplinary area, the basis for the etching p

Record Nr. UNISA996676581603316 Autore Blumesberger Susanne Titolo Marie Neurath and Isotype Picturebooks: Transforming Knowledge for Children Pubbl/distr/stampa Berlin/Boston:,: Walter de Gruyter GmbH,, 2025 ©2025 **ISBN** 3-11-135466-0 3-11-135465-2 Edizione [1st ed.] 1 online resource (338 pages) Descrizione fisica 740.92 Disciplina Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Marie Neurath (1898-1986) was an illustrator and graphic designer Sommario/riassunto who, from the mid-1940s to the late 1960s, created innovative nonfiction books for children. Together with her husband, politician and philosopher Otto Neurath (1882-1945), and artist and designer Gerd Arntz (1900-1988), she developed a method of visual representation in 1920s.