



# MEMS and MOEMS Technology and Applications (SPIE Press Monograph Vol. PM85)

By P. Rai-Choudhury

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## MEMS and MOEMS Technology and Applications (SPIE Press Monograph Vol. PM85) By P. Rai-Choudhury

Cost, size, speed, weight, and precision are driving the miniaturization of mechanical systems. This book presents a detailed look at two micromachining technologies that have evolved from the integrated circuits industry: MEMS (micro-electromechanical systems) and MOEMS (micro systems with a strong optical component). Useful as a professional reference, technology user's guide, and as a textbook.

### Contents

- Preface
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- Operation and Design of MEMS/MOEMS Devices
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- Silicon Micromachines in Optical Communications Networks: Tiny Machines for Large Systems
- Assembly and Test for MEMS and Optical MEMS
- MEMS, Microsystems, Micromachines: Commercializing an Emergent Disruptive Technology
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*By P. Rai-Choudhury*

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