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MEMS and Nanotechnology, Volume 8

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Description:

MEMS and Nanotechnology, Volume 8: Proceedings of the 2014 Annual Conference on Experimental and Applied Mechanics, the eighth volume of eight from the Conference, brings together contributions to this important area of research and engineering. The collection presents early findings and case studies on a wide range of areas, including:

- Small-Scale Plasticity
- MEMS and Electronic Packaging
- Mechanics of Graphene
- Interfacial Mechanics
- Methods in Measuring Small-Scale Displacements
- Organic and Inorganic Nanowires
- AFM and Resonant-Based Methods
- Thin Films and Nano fibers

Keywords: Devices & fabrication Measurement challenges Nanoindentation Optical methods Residual stress SEM 2014 Single molecule/single atom mechanical Testing Size effects in metals Tribology