

THE PHYSICS OF SiO_2 AND ITS INTERFACES

Editor
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electronics courses with a focus on nanoscience and nanotechnology Key features Provides an updated all encompassing exploration of contemporary nanosensors and highlights the exclusive nanoscale properties on which nanosensors are designed Presents an accessible approach with a question and answer format to allow an easy grasp of the intricacies involved in the complex working mechanisms of devices Contains clear illustrative diagrams enabling the visualization of nanosensor operations along with worked examples end of chapter questions and exhaustive up to date bibliographies appended to each chapter National Semiconductor Metrology Program, NIST List OF Publications, LP 103, May 2000

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Ralph Jaccodine,1989-12-06 The MRS Symposium Proceeding series is an internationally recognised reference suitable for researchers and practitioners **Defects in Electronic Materials: Volume 104** M. Stavola,S. J. Pearton,G.

Davies,1988-05-05 The MRS Symposium Proceeding series is an internationally recognised reference suitable for researchers and practitioners *Interfaces in Composites: Volume 170* Carlo G. Pantano,Eric J. H. Chen,1990 The symposium held in

Boston November 1989 focuses on tailoring of an interface to optimize the adhesion or transfer of load between reinforcing phases and the matrix to enhance crack deflection through debonding or to control interface reactivity Some of the papers also address the micromechanics chemistry and characterization of interfaces in general Acidic paper Annotation

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