Surfaces, interfaces, and thin films for microelectronics

John Wiley - Universal Method for Creating Hierarchical Wrinkles on Thin

Description: -
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Microelectronics -- Materials
Thin films
Interfaces (Physical sciences)
Surface chemistrySurfaces, interfaces, and thin films for microelectronics
-Surfaces, interfaces, and thin films for microelectronics
Notes: Includes index.
This edition was published in 2008

Tags: #Materials #Science #in #Microelectronics #I, #Second #Edition: #The #Relationships #Between #Thin #Film #Processing #& #Structure

ShieldSquare

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Applications of thin films in microelectronics

Since the inception of solid circuit technology, thin films have been an essential feature of the integrated circuit, providing interconnections on the silicon chip. Nano-folded Gold Catalysts for Electroreduction of Carbon Dioxide.

Thin films and interfaces in microelectronics: composition and chemistry as function of depth

We conclude by discussing future developments and applications. We show that a simple ratio technique can be used to quickly estimate the thickness of a carbonaceous layer on aluminum bond pads. The first volume of Materials Science in Microelectronics focuses on the first relationship — that between processing and the structure of the thin-film.

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Formation of responsive hierarchical wrinkled patterns on hydrogel films via multi-step methodology.

Thin films and interfaces in microelectronics: composition and chemistry as function of depth

Soft Matter 2018, 14 32 , 6745-6755.

Related Books

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