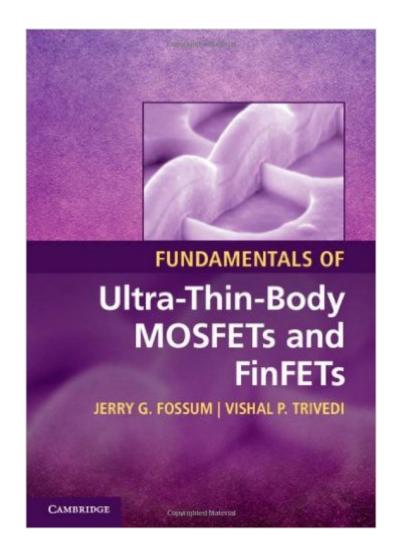
The book was found

Fundamentals Of Ultra-Thin-Body MOSFETs And FinFETs





Synopsis

Understand the theory, design and applications of the two principal candidates for the next mainstream semiconductor-industry device with this concise and clear guide to FD/UTB transistors. $\hat{a} \notin Describes FD/SOI MOSFETs$ and 3-D FinFETs in detail $\hat{a} \notin Covers$ short-channel effects, quantum-mechanical effects, applications of UTB devices to floating-body DRAM and conventional SRAM $\hat{a} \notin Provides$ design criteria for nanoscale FinFET and nanoscale thin- and thick-BOX planar FD/SOI MOSFET to help reduce technology development time $\hat{a} \notin Projects$ potential nanoscale UTB CMOS performances $\hat{a} \notin Contains$ end-of-chapter exercises. For professional engineers in the CMOS IC field who need to know about optimal non-classical device design and integration, this is a must-have resource.

Book Information

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May be I'm not good enough to read this book; it's very hard to follow.

I like this book to understand the basics on 3D structure transistors. Complicated phenomena always roots from basics.

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