

MOSFET MODELING & BSIM3 USER'S GUIDE

Yuhua Cheng
Chenming Hu

Mosfet Modeling Bsim3 Users Guide

Babak Heydari

Mosfet Modeling Bsim3 Users Guide:

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High Frequency MOSFET Modeling for RF Applications Xiaodong Jin, 2001 **CMOS RF Device Modeling and Low-noise Amplifier Circuit Design** Jeffrey Jiajiunn Ou, 2001 **Device Modeling for Analog and RF CMOS Circuit Design** Trond Ytterdal, Yuhua Cheng, Tor A. Fjeldly, 2003-05-07 Bridges the gap between device modelling and analog circuit design Includes dedicated software enabling actual circuit design Covers the three significant models BSIM3 Model 9 and EKV Presents practical guidance on device development and circuit implementation The authors offer a combination of extensive academic and industrial experience **CMOS Circuits and Devices Beyond 100 GHz** Babak Heydari, 2008

IEEE Circuits & Devices , 2004 **System Integration** Kurt Hoffmann, 2004-04-16 The development of large scale integrated systems on a chip has had a dramatic effect on circuit design methodology Escalating requirements for low power high chip density circuits and systems have resulted in increasingly complex Bipolar CMOS and BICMOS technologies In order to design cost effective and reliable systems a thorough understanding of the relationship between the individual components and their impact on the performance of the integrated system is required Combining coverage of semiconductor physics digital VLSI design and analog integrated circuits in one volume this book will appeal to practising engineers circuit

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