

- Preface
- MOSFET Device Physics and Operation
- MOSFET Fabrication
- RF Modeling
- Noise Modeling
- Proper Modeling for Accurate Distortion Analysis
- The BSIM4 MOSFET Model
- The EKV Model
- Other MOSFET Models
- Bipolar Transistors in CMOS Technologies
- Modeling of Passive Devices
- Effects and Modeling of Process Variation and Device Mismatch
- Quality Assurance of MOSFET Models
- Index