

3d TCAD simulation for semiconductor processes, devices and optoelectronics

Li, Simon, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20418673&lokasi=lokal>

Abstrak

This book is about how to use computer software to manufacture and test virtually semiconductor devices in 3D. It brings to life the topic of semiconductor device physics, with a hands-on, tutorial approach that de-emphasizes abstract physics and equations and emphasizes real practice and extensive illustrations.

Coverage includes a comprehensive library of devices, representing the state of the art technology, such as SuperJunction LDMOS, GaN LED devices, etc.