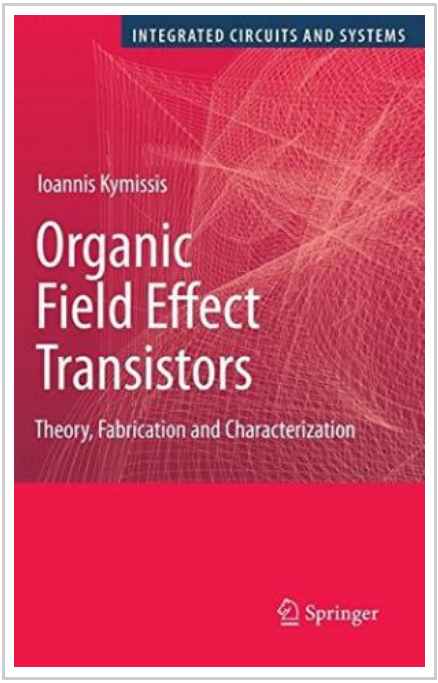

Organic Field Effect Transistors

By Ioannis Kymissis

Springer-Verlag Gmbh Feb 2009, 2009. Buch. Book Condition: Neu. 250x170x14 mm. Neuware - Organic Field Effect Transistors presents the state of the art in organic field effect transistors (OFETs), with a particular focus on the materials and techniques useful for making integrated circuits. The monograph begins with some general background on organic semiconductors, discusses the types of organic semiconductor materials suitable for making field effect transistors, the fabrication processes used to make integrated Circuits, and appropriate methods for measurement and modeling. Organic Field Effect Transistors is written as a basic introduction to the subject for practitioners. It will also be of interest to researchers looking for references and techniques that are not part of their subject area or routine. A synthetic organic chemist, for example, who is interested in making OFETs may use the book more as a device design and characterization reference. A thin film processing electrical engineer, on the other hand, may be interested in the book to learn about what types of electron carrying organic semiconductors may be worth trying and learning more about organic semiconductor physics. Organic Field Effect Transistors discusses the fundamental mechanisms that apply to OFETs fabrication, operation, and characterization. This unique book presents...

Reviews

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