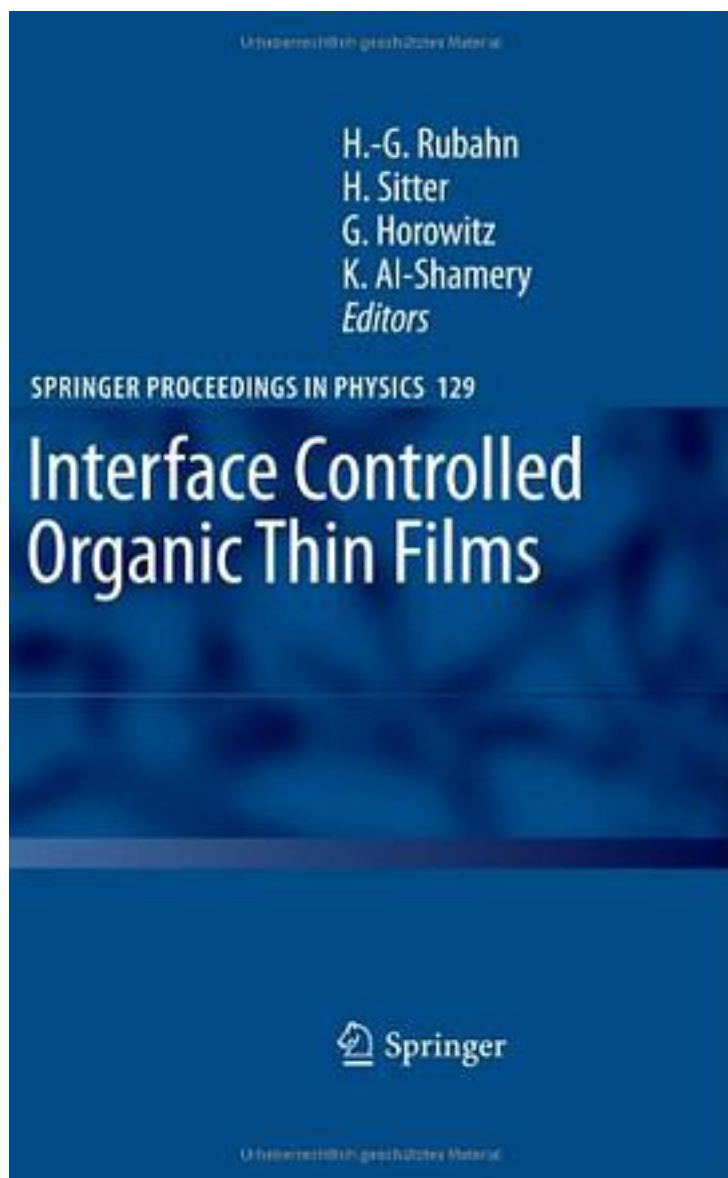


Interface Controlled Organic Thin Films



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Organic semiconductors are a central topic of advanced materials research. The book is aiming at bridging the gap between the development and production of devices and basic research on thin film characterisation using cutting-edge techniques in surface and interface science. Topics involve organic molecular-based sensors; interfaces in organic diodes and transistors; mobility in organic field effect transistors and space charge problems; integration of optoelectronic nanostructures; nonlinear optical properties of organic nanostructures; the wetting layer problem; how to get from functionalized molecules to nanoaggregates; optical, electrical and mechanical properties of organic nanofibers as well; as near field investigations of organic thin films.

作者介绍:

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