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Physics And Chemistry Of Mercury Cadmium Telluride And Novel Ir Detector Materials

David G. Seiler



Physics And Chemistry Of Mercury Cadmium Telluride And Novel Ir Detector Materials:

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photodetectors infrared lasers and single photon detectors Physics and Properties of Narrow Gap Semiconductors helps readers to understand semiconductor physics and related areas of materials science and how they relate to advanced optoelectronic devices **NIST List of Publications LP 103** ,1996 *Molecular Beam Epitaxy* Marian A. Herman, Helmut Sitter, 2012-12-06 Molecular Beam Epitaxy describes a technique in wide spread use for the production of high quality semiconductor devices It discusses the most important aspects of the MBE apparatus the physics and chemistry of the crystallization of various materials and device structures and the characterization methods that relate the structural parameters of the grown or growing film or structure to the technologically relevant procedure In this second edition two new fields have been added crystallization of as grown low dimensional heterostructures mainly quantum wires and quantum dots and in growth control of the MBE crystallization process of strained layer structures Out of date material has been removed **Directory of Published Proceedings** ,1990

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