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## Film Physics and Devices (General National Eleventh Five-year higher education planning materials)

By XIAO DING QUAN // ZHU JIAN GUO // ZHU JI LIANG // SHEN LIN

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 332 Publisher: Defense Industry Pub. Date :2011-05-01 version 1 Shaw be congruent compiled a thin-film physics and devices. mainly discusses the film physics and thin film devices of the basic content. and an overview of the new material technology has important applications in several major types of thin film materials. The book systematically describes the preparation of thin-film chemical and physical principles and methods. including vapor deposition. sputtering. ion plating. chemical vapor deposition. solution-film technology; also introduced the film formation. film structure and defects. the electrical properties of thin films. mechanical properties. semiconductor properties. magnetic properties. superconducting properties. etc.; also outlined several important class of membrane materials and their properties analyzed and summarized the relevant research developments. Thin Film Physics and Devices can be used as materials science and engineering. electronic science and engineering. electronic materials and components. semiconductor physics and devices. Applied Physics and other professional materials or teaching reference books are also available for the relevant technology. business. company management and technical personnel for reference. Contents: Chapter vacuum technology. vacuum-based 1.1-based nature

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