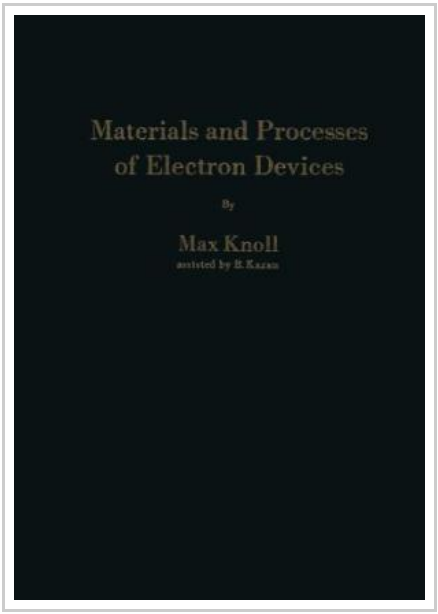

Materials and Processes of Electron Devices

By Knoll, Max / Kazan, Benjamin

Book Condition: New. Publisher/Verlag: Springer, Berlin | Werkstoffe und Verfahren zur Herstellung von Entladungsgeräten / Matériaux et procédés pour la construction d appareils de décharges électriques / Materiales y procesos de fabricación para elementos electrónicos | This bookis intended to be of assistance to the physicist or engineer concerned with designing and building electron devices such as high-vacuum transmitter- or amplifier tubes, gas- or vapor-filled rectifiers, thyratrons, X-ray or luminescent tubes, glow or incandescent lamps, Geiger- or ionization counters, vacuum photo cells, photoconductive cells, selenium-, germanium- or silicon rectifiers or trans istors. For this purpose, extensive information is required concerning the compo sition, behavior and handling of materials as well as a thorough knowledge of high-vacuum technique necessary for processing electron devices after their assembly. The text covers the preparation and working of materials used in these devices; the finishing methods for vacuum tubes (especially degassing, pumping and getter procedures); and different production steps of solid state devices. This book contains about 2300 references indicated in the text by the author's name and reference number. At the end of each chapter the references themselves are listed alphabetically by the author's name and with the title sometimes abbreviated. In accordance with...

Reviews

Complete guideline! Its this type of great read through. it absolutely was writtern quite perfectly and helpful. I am very happy to explain how this is basically the best book i actually have read through during my personal life and can be he very best book for at any time.

-- ***Joshua Gerhold PhD***

A very awesome book with perfect and lucid reasons. It really is basic but shocks within the 50 percent of the book. Its been designed in an exceptionally easy way and is particularly merely right after i finished reading this ebook where in fact changed me, change the way i think.

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