

# Electronic Materials: A New Era in Materials Science // 2012 // Springer Science & Business Media, 2012 // 341 pages // James R. Chelikowsky, Alfonso Franciosi // 9783642843594

Electronic Materials Science presents the fundamentals of the subject in a detailed fashion for a multidisciplinary audience. Offering a higher-level treatment than an undergraduate textbook provides, this text benefits students and practitioners not only in electronics and optical materials science, but also in additional cutting-edge fields like polymers and biomaterials. Electronic ink promises a new era in updateable magazines. This book describes radiation effects on and dose enhancement factors for electronic materials. Alteration of the electrical properties of solid-state devices and integrated circuits by impinging radiation is well-known. Science and Engineering Materials Science and Engineering: An Introduction, Eighth Edition William Essentials of Materials Science & Engineering. 625 Pages·2010·24.4 MB·12,922 Downloads. Advances in Materials Manufacturing Science and Technology 13, Volume 2: Modern Design Theory and Methodology, MEMS and Nanotechnology, Material Science and Technology in Manufacturing. 754 Pages·2009·112.91 MB·2,334 Downloads·New! This special volume is part 2 of a mini-series on, "Materials Manufacturing Science and Technology ... Experts who are leaders in the development of new methods Solutions Manual for Materials Science and Engineering: An Introduction. 1,146 Pages·2010·16.61 MB·7,885 Downloads·New! Applied materials science : applications of engineering materials in structural, electronics, thermal, and other industries. Deborah D L Chung. Category: E\_Engineering, EM\_Mechanics of elastic materials. Selected Systems from C-Cr-Fe to Co-Fe-S (Landolt-Börnstein: Numerical Data and Functional Relationships in Science and Technology - New Series / Physical Chemistry). Electronic materials by James R. Chelikowsky, 1991, Springer Verlag edition, in English. My Books. Electronic materials. J. Chelikowsky, A. Franciosi ( Electronic materials. —Close. Not in Library. Want to Read. 1 2 3 4 5. Material Science is a FreeBook brought to you by CRC Press, containing a collection of selected chapters from four key titles, the chapters presented here cover fundamental principles and cutting edge topics in kinetics, materials characterization, computational modeling, and thermodynamics. Materials science continues to grow at an impressive rate, and the Taylor and Francis/ CRC Press book list has been expanding to keep up with demands in education, research, and industry. We have a wide range of textbooks, references, monographs, and practical guidebooks to serve the needs of students, i