

Download Introduction To Solid State Physics

Kittel has some good reference tables which I consult from time to time, but if you want to learn solid state physics, there are other superior texts in the market. Just a couple of alternatives: Rosenberg's little paperback is a delight to read because it focuses on physical interpretation rather than getting bogged down on the mathematics. The standard graduate solid state physics text should be Ashcroft and Mermin, which is also a pleasure to read, but assumes a strong mathematical grounding. He has been awarded three Guggenheim fellowships, the Oliver Buckley Prize for Solid State Physics, and, for contributions to teaching, the Oersted Medal of the American Association of Physics Teachers, He is a member of the National Academy of Science and of the American Academy of Arts and Sciences. EMBED (for wordpress.com hosted blogs and archive.org item <description> tags) Upper-level undergraduate course taught at the University of Pittsburgh in the Fall 2015 semester by Sergey Frolov. The course is based on Steven Simon's "Oxford Solid State Basics" textbook.