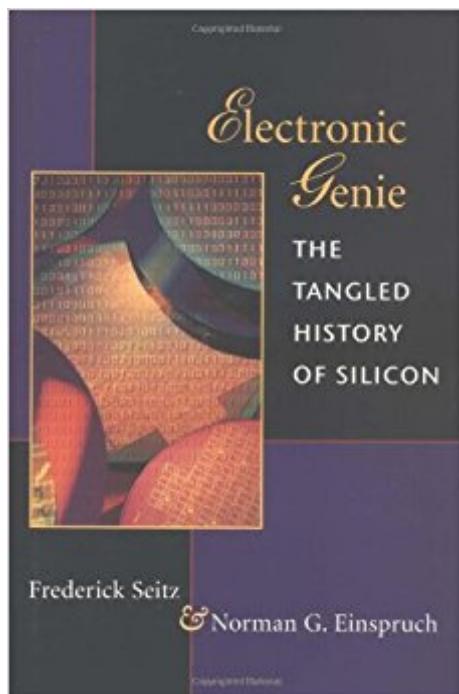


The book was found

Electronic Genie: THE TANGLED HISTORY OF SILICON



Synopsis

Electronic Genie takes its readers on a two-century journey that begins with Antoine Lavoisier's prediction of the existence of silicon as an element. It traces the emergence of silicon as key to the development of most forms of today's electronics and its role in making possible the revolutionary digital computer. Loaded with information about such original thinkers as Lavoisier, John Bardeen, Bill Gates, Patrick Haggerty, Gordon Moore, and many more, the volume traces the use of silicon in metallurgy, as a diode rectifier in wireless and radio, and ultimately as a nonlinear element for heterodyne mixing in radar during World War II. Electronic Genie will appeal to students of science and technology as well as to anyone interested in the history of these fields.

Book Information

Hardcover: 304 pages

Publisher: University of Illinois Press; First edition (December 1, 1997)

Language: English

ISBN-10: 0252023838

ISBN-13: 978-0252023835

Product Dimensions: 9.3 x 6.4 x 1.1 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 2 customer reviews

Best Sellers Rank: #3,658,257 in Books (See Top 100 in Books) #92 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Solid State #6670 in Books > Science & Math > Technology > History of Technology #15206 in Books > Books > Science & Math > History & Philosophy

Customer Reviews

"In truth, one might say that this book has had at least a hundred authors.' This enlightening comment from the preface ... reveals its strongest feature -- the worldwide network of highly knowledgeable advisers and contributors that aided its thorough search into 'the tangled history of silicon'... Electronic Genie is a resounding success in providing a highly informative and stimulating account of this story." -- James D. Meindl, Nature

Readers beware, this is a great book but it requires some strong schooling on your part. If you come from an electrical engineering, material science or electrochemical background, this is the book for you. If not, you will certainly get lost during certain portions of the book. Having said that, this book

did provide some very useful insights into the history of silicon, why it has become prevalent and its various uses. Just be ready to skim some sections if you are not in the above mentioned fields.

Well written. Great summary of the history of electronics.

[Download to continue reading...](#)

Electronic Genie: THE TANGLED HISTORY OF SILICON Tangled Treasures Coloring Book: 52 Intricate Tangle Drawings to Color with Pens, Markers, or Pencils - Plus: Coloring schemes and techniques (Tangled Color and Draw) Disney Tangled: The Series: Take on the World Cinestory Comic (Disney Tangled: The Series Cinestory Comic) Tangled: The Tangled Series, Book 1 Tangled (The Tangled Book 1) Tangled Dreams: Tabby's Tangled Art (Volume 1) Tangled Dreams Volume II: Tangled coloring pages to take with you. Tangled Gardens Coloring Book: 52 Intricate Tangle Drawings to Color with Pens, Markers, or Pencils (Tangled Color and Draw) World History, Ancient History, Asian History, United States History, European History, Russian History, Indian History, African History. (world history) The Genie in the Bottle: 67 All-New Commentaries on the Fascinating Chemistry of Everyday Life Granted #2: The continuing tale of Elliott, Abby and Ginny, the 3,000 year old genie. The Genie Within: Your Subconscious Mind--How It Works and How to Use It The Hinky Genie Lamp (Hinky Chicago Book 4) Genie: A Scientific Tragedy The Epic Crush of Genie Lo Genie in a Bottle: Whatever After, Book 9 Electronic Cigarette: The Ultimate Guide for Understanding E-Cigarettes And What You Need To Know (Vaping Pen, Electronic Hookah, E-Hookah, E-Liquid, Alternative, Juice, G-Pen, Starter Kit) Essentials of Electronic Testing for Digital, Memory and Mixed-Signal VLSI Circuits (Frontiers in Electronic Testing) Encapsulation Technologies for Electronic Applications (Materials and Processes for Electronic Applications) Handbook of Organic Materials for Optical and (Opto)Electronic Devices: Properties and Applications (Woodhead Publishing Series in Electronic and Optical Materials)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)