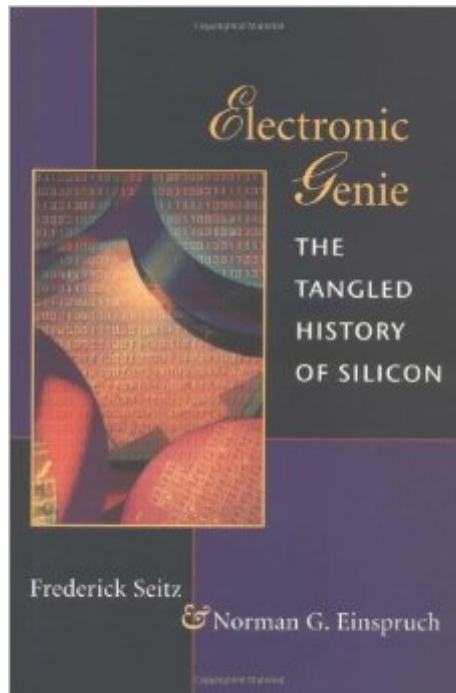


The book was found

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

Average Customer Review: 3.0 out of 5 stars Â See all reviews Â (1 customer review)

Best Sellers Rank: #2,101,711 in Books (See Top 100 in Books) #43 in Â Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Solid State #9850 in Â Books > Science & Math > History & Philosophy #14616 in Â Books > Science & Math > Technology

Customer Reviews

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.

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

Electronic Genie: THE TANGLED HISTORY OF SILICON Tangled (The Tangled Book 1) The Genie in the Bottle: 67 All-New Commentaries on the Fascinating Chemistry of Everyday Life The

Genie Within: Your Subconscious Mind--How It Works and How to Use It The Hinky Genie Lamp
(Hinky Chicago Book 4) Waste Electrical and Electronic Equipment (WEEE) Handbook (Woodhead
Publishing Series in Electronic and Optical Materials) Botanical Butterflies Coloring Book: 58
Beautiful tangled and floral butterflies to color The Tangled Wing: Biological Constraints on the
Human Spirit Tangled Up In Tuesday: (Book 4 in the Page Turners Cozy Mystery Humorous
Womens Fiction Romance Series) (A Page Turners Novel) Hollywood Gothic: The Tangled Web of
Dracula from Novel to Stage to Screen Tangled Webs: How False Statements are Undermining
America: From Martha Stewart to Bernie Madoff Tangled Webs: How False Statements Are
Undermining America: From Martha Stewart to Bernie Mado ff The TANGLED Billionaire: Ten Book
Complete Box set (An Alpha-Male, Billionaire, Bad Boy, Bad Girl, Romance) The TANGLED
Billionaire Series: Billionaire Romance Box Set (An Alpha-Male, Billionaire, Bad Boy, Bad Girl,
Romance) STEPHANIE LAURENS: SERIES READING ORDER & BOOK CHECKLIST.: SERIES
LIST INCLUDES: TANGLED REINS, LESTER FAMILY SAGA, CYNSTER SISTERS, BLACK
COBRA QUARTET ... Reading Order & Checklists Series 47) A Tangled Web - Mark Kane
Mysteries - Book Seven: A Mystery Suspense Thriller A Tangled Teaser: A Witch Cozy Murder
Myster (Witches of Hemlock Cove Book 3) History: Human History in 50 Events: From Ancient
Civilizations to Modern Times (World History, History Books, People History) (History in 50 Events
Series Book 1) History: British History in 50 Events: From First Immigration to Modern Empire
(English History, History Books, British History Textbook) (History in 50 Events Series Book 11)
Digital VLSI Design with Verilog: A Textbook from Silicon Valley Polytechnic Institute

[Dmca](#)