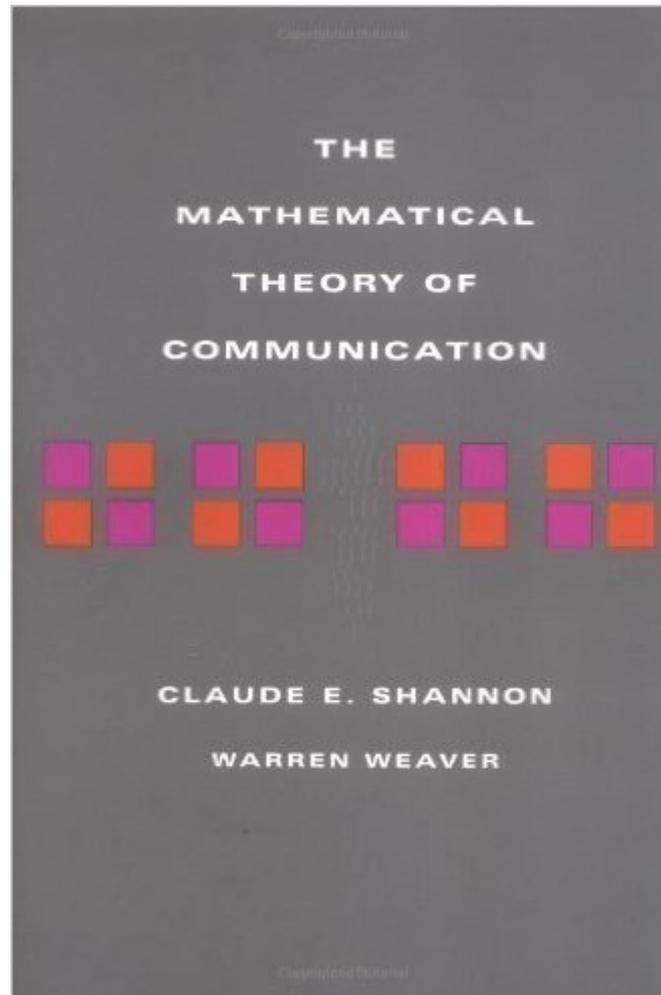The book was found

The Mathematical Theory Of Communication

Synopsis

Scientific knowledge grows at a phenomenal pace--but few books have had as lasting an impact or played as important a role in our modern world as The Mathematical Theory of Communication, published originally as a paper on communication theory in the Bell System Technical Journal more than fifty years ago. Republished in book form shortly thereafter, it has since gone through four hardcover and sixteen paperback printings. It is a revolutionary work, astounding in its foresight and contemporaneity. The University of Illinois Press is pleased and honored to issue this commemorative reprinting of a classic. --This text refers to an alternate Paperback edition.

Book Information

Paperback: 125 pages

Publisher: The University of Illinois Press; 4th prtg edition (January 1, 1949)

Language: English

ASIN: B0007EGM7Y

Product Dimensions: 8 x 5.4 x 0.4 inches

Shipping Weight: 6.4 ounces

Average Customer Review: 4.7 out of 5 stars See all reviews (28 customer reviews)

Best Sellers Rank: #3,281,552 in Books (See Top 100 in Books)   #13 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Telephone Systems   #2773 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits #573197 in Books > Textbooks

Customer Reviews

I think it is fair to say that this book, based on Shannons landmark paper represents what I believe to be, the most important engineering paper ever written in the history of the world (both up to this point, and likely will remain so in the future). In terms of "practical implementation" of theory, it's fair to say that this seminal work has had a far greater contribution to mankind than Einsteins' paper on general and special relativity (just don't say that to a physicists face).... All to often, famous theorists are relegated to "cult-like" obscurity. Persons like Shannon, Gallager, Forney, Komolgorov may be legendary within a cult-circle of die-hard communication theorists, but are relegated to unfortunate obscurity by the masses. It's rather unfortunate, with todays advanced communication systems, and techniques of coding (Turbo codes, modified LDPC codes, etc..)which push the boundaries to the ultimate limits as defined by Shannon.... that more people (both engineers, and laymen alike) don't recognize the names of early pioneers who started the revolution, and who's theories are the basis

for many of our modern luxuries which allow us to download information at such rapid rates.People often underestimate the deepness of Shannons' work,due to Shannon's writing style. He was one of those rare writers (somewhat like Forney, or Massey) who can actually explain complicated subjects using mere words, without the need for prettying the theory up with fancy math. Comparing the equation filled textbooks of today, versus Shannon's work, one might get the impression that Shannon's work was simplistic. I think it's clear to anyone whos studied his work, that IT WAS NOT SIMPLISTIC.

The Mathematical Theory of Communication A Mathematical Theory of Communication. 50th Anniversary Edition. Elementary Cryptanalysis: A Mathematical Approach (Mathematical Association of America Textbooks) Elementary Algebraic Geometry (Student Mathematical Library, Vol. 20) (Student Mathematical Library, V. 20) Handbook of Mathematical Functions: with Formulas, Graphs, and Mathematical Tables (Dover Books on Mathematics) A Course in Mathematical Modeling (Mathematical Association of America Textbooks) The Mathematical Olympiad Handbook: An Introduction to Problem Solving Based on the First 32 British Mathematical Olympiads 1965-1996 (Oxford Science Publications) Mathematical Apocrypha: Stories and Anecdotes of Mathematicians and the Mathematical (Spectrum) Lecture Notes on Mathematical Olympiad Courses: For Junior Section (Mathematical Olympiad Series) Transformation Groups for Beginners (Student Mathematical Library, Vol. 25) (Student Mathematical Library, V. 25) Building Automation: Communication systems with EIB/KNX, LON and BACnet (Signals and Communication Technology) Intelligent Communication Systems: Toward Constructing Human Friendly Communication Environment Communication in Crisis and Hostage Negotiations: Practical Communication Techniques, Stratagems, and Strategies for Law Enforcement, Corrections and Emergency Service Personnel in Managing Critical I Communication at the End of Life (Lifespan Communication) Body Language: Discover and Understand the Psychological Secrets Behind Reading and Benefitting From Body Language (Read People On Sight - Body Communication - Nonverbal Communication) Technical Communication 11e & LaunchPad for Technical Communication 11e (Six Month Access) Conflict Communication (ConCom): A New Paradigm in Conscious Communication Marriage: How To Save And Rebuild Your Connection, Trust, Communication And Intimacy (FREE Bonus Included) (Marriage Help, Save Your Marriage, Communication Skills, Marrige Advice) Conversation Skills: Tactics to Improve Your Conversation and Small Talk Skills for Better Social, Business and Relationship Communication (Communication Skill Training) Kinesics and Context: Essays on Body Motion Communication (University of

Pennsylvania Publications in Conduct and Communication)