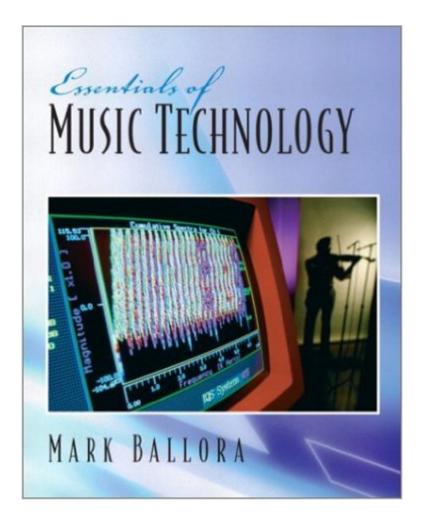
The book was found

# **Essentials Of Music Technology**





## Synopsis

This useful handbook provides a concise introduction to the principle topics of music technology. It discusses fundamentals in a straightforward style, with the extra levels of detail essential for those specializing in music technology. A five-part organization covers acoustics and music, computers, MIDI, digital audio, and other tools of the trade. For personal computer users introduced in the production of music.

### **Book Information**

Paperback: 248 pages Publisher: Pearson; 1 edition (November 10, 2002) Language: English ISBN-10: 0130937479 ISBN-13: 978-0130937476 Product Dimensions: 8 x 0.7 x 9.8 inches Shipping Weight: 1 pounds Average Customer Review: 3.5 out of 5 stars Â See all reviews (2 customer reviews) Best Sellers Rank: #913,662 in Books (See Top 100 in Books) #179 in Books > Arts & Photography > Music > Theory, Composition & Performance > MIDI, Mixers, etc. #1917 in Books > Textbooks > Humanities > Performing Arts > Music

#### **Customer Reviews**

This book is an excellent resource, particularly for those with technical orientations in math and science. It requires a basic understanding of physics and calculus, and an understanding of some recording principles. Mark Ballora comes from a very strong background - New York University and McGill University are the top schools in North America for Music Technology - and the information is presented in a logical, straight-forward and easy-to-undertand format. I am currently using the text as a resource for my physics research project, and would recommend it to any music technology student with an understanding of physics and calculus.

I have used sections of this book to teach electroacoustic music courses. Overall, it is very good, well organized, and detailed in its treatment. There are, however, a few factual errors, and at least one misconception in the text. Following are the problems I've encountered so far:Ch. 5 - Representing Numbersp. 50 - No definition of 'word' as 16, 24, 32, or 64 bit sequence, dependent on design of processor or software system.p. 51 - The explanation of hexadecimal makes several

references to "hexadecimal bits" which should be "hexadecimal digits." The term 'bit' is defined as a 'binary digit', and so is not appropriate in reference to hexadecimal.p. 52 - Equations at the top of the page are mixed up. Should be: 6(base10) = 01102 -6(base10) = 10012 + 1 = 10102p. 52 - Sentence that begins, "Numbers that include a decimal point..." is not accurate. There are fixed-point decimal representations as well as floating-point. In fact, the following explanation of floating-point seems rather to be explaining fixed-point decimal representation by focusing on the need to use a certain number of digits (relegating the exponent to 1 byte, for example), rather than explaining how floating-point representation moves (and keeps track of) the decimal point as needed. Also, this discussion leaves the impression that decimal representations are inherently less accurate than integer representation, which is not true.Ch. 9 - Digital Audiop. 106 - The sentence which continues after the aliasing equation, "where the minus sign..." should read, "...the frequency is phase inverted."

#### Download to continue reading...

Blockchain: The Comprehensive Guide to Mastering the Hidden Economy: (Blockchain Technology, Fintech, Financial Technology, Smart Contracts, Internet Technology) Essentials of Music Technology Electronic and Experimental Music: Technology, Music, and Culture Music, Technology, and Education: Critical Perspectives (SEMPRE Studies in The Psychology of Music) Networks and Grids: Technology and Theory (Information Technology: Transmission, Processing and Storage) Iron Coffin: War, Technology, and Experience aboard the USS Monitor (Johns Hopkins Introductory Studies in the History of Technology) Introduction to Hydro Energy Systems: Basics, Technology and Operation (Green Energy and Technology) Drills: Science and Technology of Advanced Operations (Manufacturing Design and Technology) Low-Dimensional Semiconductors: Materials, Physics, Technology, Devices (Series on Semiconductor Science and Technology) Introduction to Radiologic Technology, 7e (Gurley, Introduction to Radiologic Technology) The Laws of Simplicity: Design, Technology, Business, LifeDesign, Technology, Business, Life Technology In Action Introductory (13th Edition) (Evans, Martin & Poatsy, Technology in Action Series) BLOCKCHAIN: Your Comprehensive Guide To Understanding The Decentralized Future (Ethereum, Fintech, Cryptocurrency, Bitcoin, Technology Trends, Technology, Internet) STEM Lesson Essentials, Grades 3-8: Integrating Science, Technology, Engineering, and Mathematics Architect's Essentials of Contract Negotiation (The Architect's Essentials of Professional Practice) Essentials of Assessing, Preventing, and Overcoming Reading Difficulties (Essentials of Psychological Assessment) IM Essentials Text (ACP, IM Essentials Text) Essentials of Nursing Leadership & Management (Whitehead, Essentials of Nursing Leadership and

Management) Essentials Of Managed Health Care (Essentials of Managed Care) Essentials of Musculoskeletal Care, 5th Edition (Essentials of Musculoskeletal Care (Griffin))

<u>Dmca</u>