Digital Logic Applications And Design John M Yarbrough

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Text by John M. Yarbrough. Introduction by Roger Blandin. Digital Logic Design and Analysis. (6th Edition) Amazon.com: Digital Logic: Applications and Design by John M. Yarbrough: Books As hard as it may be to fathom the scope of digital logic, the facts of its nature and the implications of its working are not mysterious. They are incontrovertible and it is our responsibility to both understand and apply them. Yarbrough takes a clear and concise, yet comprehensive, approach to digital logic design. He presents the subject from the standpoint of the systems engineer, emphasizing the value and importance of logic in his design efforts. Yarbrough deals systematically with the all-important hardware, software, and software-related aspects of the field. The sixth edition includes contributions from some of the foremost practitioners in the digital logic field. The changes are largely the result of a cumulative effort to sharpen the presentation and increase the ease with which the subject is learned. They have been produced in response to the needs and interests of those who teach the subject, to the needs of those who take courses on digital logic and to the demands of students and practitioners. The text continues to present the subject in the most concise and contemporary manner. John Yarbrough, Ph.D., has been involved in the design and application of digital logic for over three decades, and has designed circuitry for use in many technologies. In addition to his professional involvement in the design and application of digital logic, Dr. Yarbrough has made major contributions to the education of many others in the application of digital logic in the design and analysis of systems. He has been active in the field of digital logic for more than 20 years, and has written several successful textbooks, articles, and conference proceedings. About the Author John M. Yarbrough is Professor Emeritus in the Department of Electrical Engineering and Computer Science at the University of California, Berkeley. He has been involved in the design and application of digital logic for over three decades, and has designed circuitry for use in many technologies. He has also contributed substantially to the education of many others in the application of digital logic in the design and analysis of systems. Table of Contents 1. Introduction Chapter 1: The Nature of Digital LogicChapter 2: Reasons for Using Digital LogicChapter 3: The Basics of Digital Logic2. A Brief History of Digital LogicChapter 4: Boolean AlgebraChapter 5: The 82157476af