Digital Electronics for GTU (IV-EE-2013 course)



Filesize: 2.33 MB

Reviews

A whole new eBook with a brand new point of view. It is definitely simplistic but shocks in the 50 percent of the publication. I am just pleased to explain how this is the greatest ebook i have read during my very own daily life and could be he best ebook for possibly.

(Mitchell Kuhn III)

DIGITAL ELECTRONICS FOR GTU (IV-EE-2013 COURSE)



Technical Publications 0. Softcover. Book Condition: New. First edition. Number Systems: Decimal, Binary, Octal, and hexa-decimal number systems, Binary arithmetic. Number base conversion, Complements. Codes: Binary code, Excess-3 code, Gray code, Error detection and correction codes. Logic Families: Positive logic and negative logic, AND, OR, NOT, NAND, NOR, X-OR gate, Inhibit circuit, Significance and type like TTL, CMOS, Interface with different logic families, Application relevant information, Electrical characteristics. Boolean Algebra: Introduction, Logic operators, Postulates and theorems, Properties -Product of sums and sum of products - Karnaugh map method - Two, Three, Four, Five variable K-maps, Converting boolean expressions to logic and vice versa, NAND and NOR implementation - Don?t-care conditions - The tabulation method. Combinational Logic Circuit: Half and full adder - Half and full subtracter - Binary parallel adder - BCD adder, Decimal adder - Magnitude comparator - Encoders and decoders - Multiplexers - De-multiplexer. Flip Flops and Sequential Logic and Circuits: Basic difference between combinational logic and sequential logic - Flip-flops like S-R, J-K, D, Master slave - Triggering of (level and edge) flip-flops - Asynchronous and synchronous inputs -Excitation tables for flip-flops. Ripple and synchronous counters - Registers - Shift registers - Pulse generation. Memory: Role of memory in computer systems - Types and terminology - Organization and operation, Reading and writing, RAMs, ROMs, PROMs - Semiconductor RAM, Flash memory. D/A and A/D Converters: Digital to analog converters, D/A converter specifications, Types of D/A converters, Mode of operation, BCD-input D/A converter, Integrated circuit D/A converters, D/A converter applications, A/D converters, A/D converter specifications, A/D converter technology, Types of A/D converters, Integrated circuit A/D converters, A/D converter applications. Printed Pages: 452.



Read Digital Electronics for GTU (IV-EE-2013 course) Online Download PDF Digital Electronics for GTU (IV-EE-2013 course)

Other PDFs



Love My Enemy

Andersen, UK, 2004. Softcover. Book Condition: New. First Edition. Available Now. Book Description: Zee (short for Zara) lives in a quiet suburb of Belfast, with an apparently idyllic family life. But Zee's father was shot...

Download ePub »



Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values

Summer Fit Learning. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 10.6in. x 8.3in. x 0.5in.Summer Fit Activity Books move summer learning beyond academics to also prepare children physically and socially for the grade ahead....

Download ePub »



Ask Dr K Fisher About Dinosaurs

Kingfisher, Great Britain, 2007. Softcover. Book Condition: New. Sheppard, Kate (illustrator). 32 pages. Multiple copies of this title available. For the first time, Kingfisher brings its expertise in beautifully-designed, trusted non-fiction to the sphere of...

Download ePub »



Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English. Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents...

Download ePub »



Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841

2011. Softcover. Book Condition: New. 8th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,...

Download ePub »



Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: A Yak at the Picnic (Hardback)

Oxford University Press, United Kingdom, 2014. Hardback. Book Condition: New. Mr. Nick Schon (illustrator). 177 x 148 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UKs best-selling

Read Book »



A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)

Dover Publications, 2011. Paperback. Book Condition: New. No Jacket. New paperback book copy of A Dog of Flanders by Ouida (Marie Louise de la Ramee). Unabridged in easy to read type. Dover Children's Thrift Classic.

Read Book »



scientific literature retrieval practical tutorial (Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 241 Publisher: Chongqing University Press Pub. Date: 2003-08. This book is the

Read Book »



Slavonic Rhapsody in A-Flat Major, B.86.3: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 297 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****. Dvorak s final Slovanske rapsodie was composed from around September 20

Read Book »



Instrumentation and Control Systems

Elsevier Science & Technology. Paperback. Book Condition: new. BRAND NEW PRINT ON DEMAND., Instrumentation and Control Systems, William Bolton, In a clear and readable style, Bill Bolton addresses the basic principles of modern instrumentation and

Read Book »