

Digital Logic And Computer Design

Digital logic is a wide-open and rapidly-growing field, and yet every single digital device operates on some combination of three basic logic functions: AND, OR, and NOT.

Digital Logic - Play-Hookey

A digital circuit is typically constructed from small electronic circuits called logic gates that can be used to create combinational logic. Each logic gate is designed to perform a function of boolean logic when acting on logic signals.

Digital electronics - Wikipedia

Digital computer, any of a class of devices capable of solving problems by processing information in discrete form. It operates on data, including magnitudes, letters, and symbols, that are expressed in binary code—i.e., using only the two digits 0 and 1.

Digital computer | Britannica.com

A computer is a machine that can be instructed to carry out sequences of arithmetic or logical operations automatically via computer programming. Modern computers have the ability to follow generalized sets of operations, called programs.

Computer - Wikipedia

Designus Maximus Unleashed: A wonderful book covering logic simulation including MMLogic by Clive Maxfield (Max) Bebop to the Boolean Boogie: A wonderful book on learning logic design by Clive Maxfield (Max)

MMLogic, A MultiMedia Logic Design System for learning

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LDD - LDD LEGO.com

System Building Blocks logo, RTC/ Wikipedia (CC BY-SA 3.0) 1960. DEC began selling its first computer at the end of 1960. But it was aware of people's reluctance to invest in "computer" technology at the time, so it named the computer a "programmable data processor", or PDP.

Digital Equipment Corporation & DEC: Where Did They ...

Digital logic gates may have more than one input, (A, B, C, etc.) but generally only have one digital output, (Q). Individual logic gates can be connected together to form combinational or sequential circuits, or larger logic gate functions.

Digital Logic Gate Tutorial - Basic Logic GatesBasic ...

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Logisim download | SourceForge.net

An introduction for students to computer programming using M.I.T.'s ScratchJr App visual programming language. Students will create animations and customize popular video games such as Cat-n-Mouse to understand the logic behind programming.

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J.J. Shann 2-3 2-1 Binary Logic and Gates Digital circuits: — hardware components that manipulate binary information — are implemented using transistors and interconnections in

Chapter 2

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