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Vtu Logic Design Lab Manual

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Introduction to Logic Circuits & Logic Design with VHDL Brock J. LaMeres, 2019-03-19 This textbook introduces readers to the fundamental hardware used in modern computers The only pre requisite is algebra so it can be taken by college freshman or sophomore students or even used in Advanced Placement courses in high school This book presents both the classical approach to digital system design i e pen and paper in addition to the modern hardware description language

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techniques and modern CAD tool based methods Having established the fundamental concepts more complex realistic circuits are then designed with the CAD tools The IEEE standard VHDL language is an integral part of design techniques used throughout the book Altera's advanced Max plus II CAD systmem on CD ROM0 and a series of step by step tutorials are included

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