



VHDL By Example: Fundamentals of Digital Design

By Richard E. Haskell, Darrin M. Hanna

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Editorial Review

About the Author

Richard E. Haskell is Emeritus Professor of Engineering in the Department of Electrical and Computer Engineering at Oakland University in Rochester, Michigan. He received his Ph.D. from Rensselaer Polytechnic Institute in 1963. He served on the faculty at Oakland University for 46 years, where he developed and taught a wide variety of undergraduate and graduate courses, including courses in electromagnetic theory, coherent optics, pattern recognition, computer programming, microprocessors, embedded systems and digital design. His research interests included plasma physics, holography and coherent optics, pattern recognition and image processing, computer learning, and microprocessor applications and embedded systems. He is the author of over 30 books, ranging from Plasma Dynamics to Digital Design. Darrin Hanna is Associate Professor of Engineering in Oakland University's School of Engineering and Computer Science. Dr. Hanna received his Ph.D. in Systems Engineering from Oakland University in May 2003 after receiving the university's three top awards in scholarship, mathematics and engineering. His research interests include reconfigurable embedded systems, artificial intelligence, and problem-based learning in computer science and engineering. Complementary to his coursework, Dr. Hanna has also successfully transferred research into commercial applications, winning the Michigan Economic Development Corporation's Michigan Commercialization Success Award. He has taught numerous undergraduate and graduate courses in engineering problem-solving, microprocessors, reconfigurable embedded systems, and digital design using VHDL. A member of IEEE and ASEE, Dr. Hanna actively contributes to the teacher-scholar community, winning the ASEE North Central Section's best paper awards for three consecutive years and the 2007 IEEE Computer Society's Undergraduate Computer Science and Engineering Teaching Award.

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