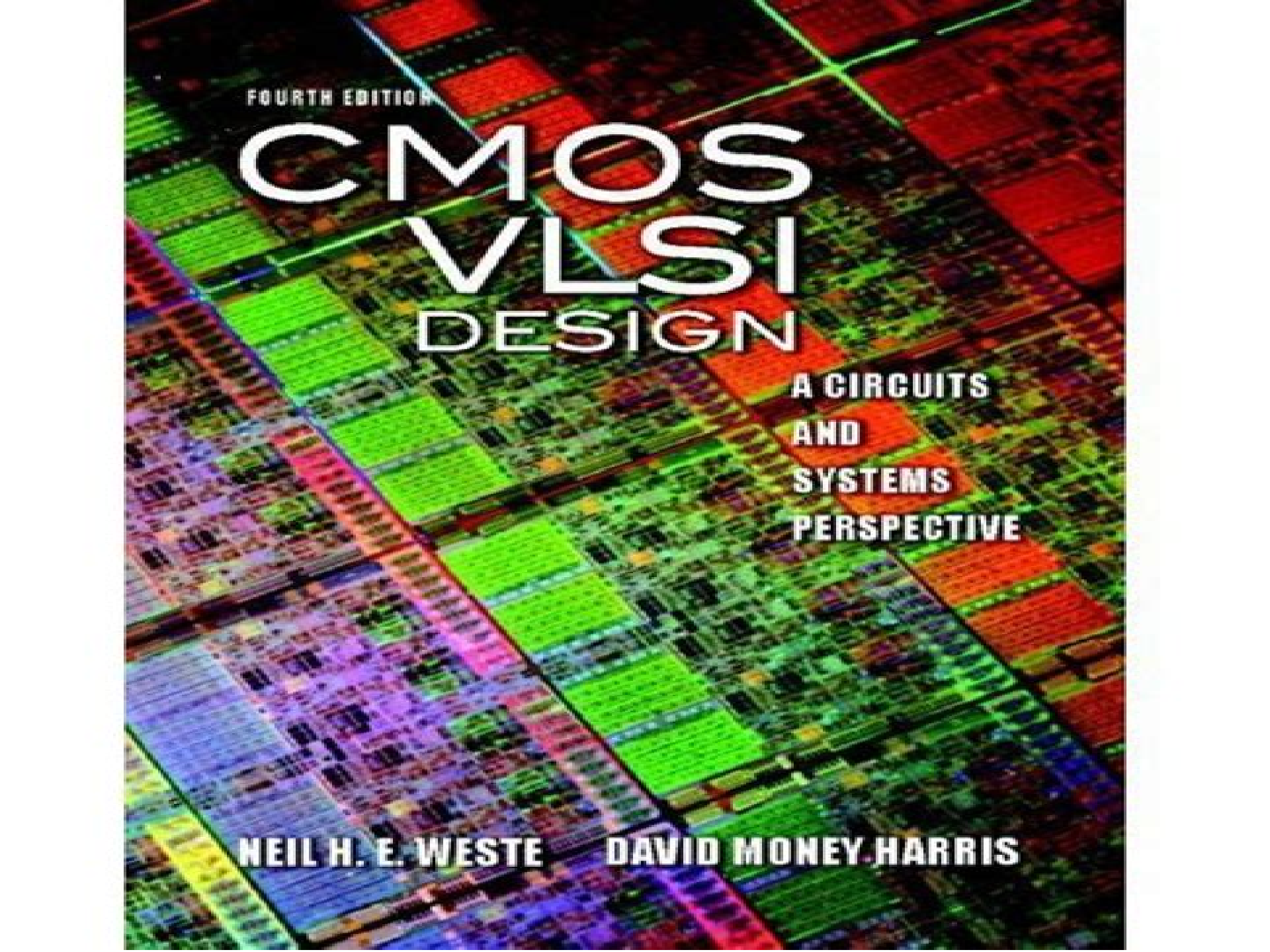


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Introduction to VLSI Design V. G. Kiran Kumar, H. R. Nagesh, Modern VLSI Design Wayne Wolf, 2002-01-14 For Electrical Engineering and Computer Engineering courses that cover the design and technology of very large scale integrated VLSI circuits and systems May also be used as a VLSI reference for professional VLSI design engineers VLSI design managers and VLSI CAD engineers Modern VLSI Design provides a comprehensive bottom up guide to the design of VLSI systems from the physical design of circuits through system architecture with focus on the latest solution for system on chip SOC design Because VLSI system designers face a variety of challenges that include high performance interconnect delays low power low cost and fast design turnaround time successful designers must understand the entire design process The Third Edition also provides a much more thorough discussion of hardware description languages with introduction to both Verilog and VHDL For that reason this book presents the entire VLSI design process in a single volume

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