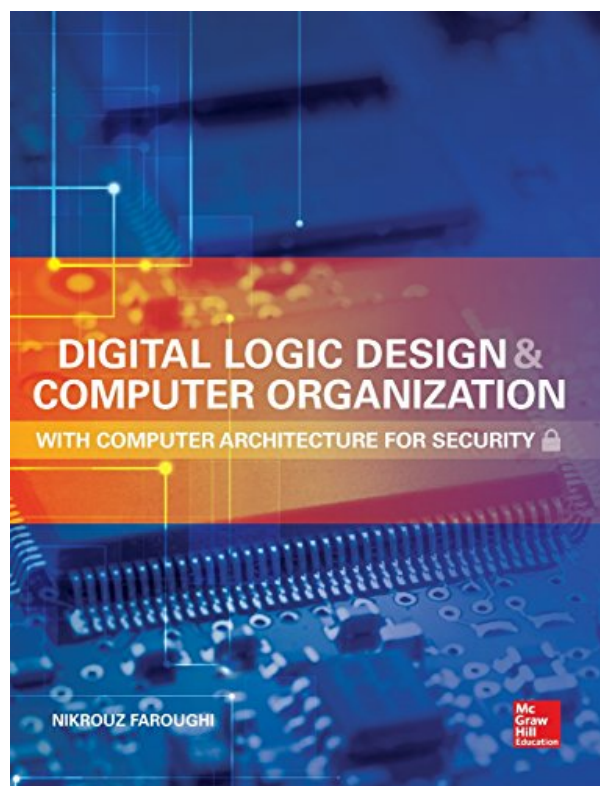
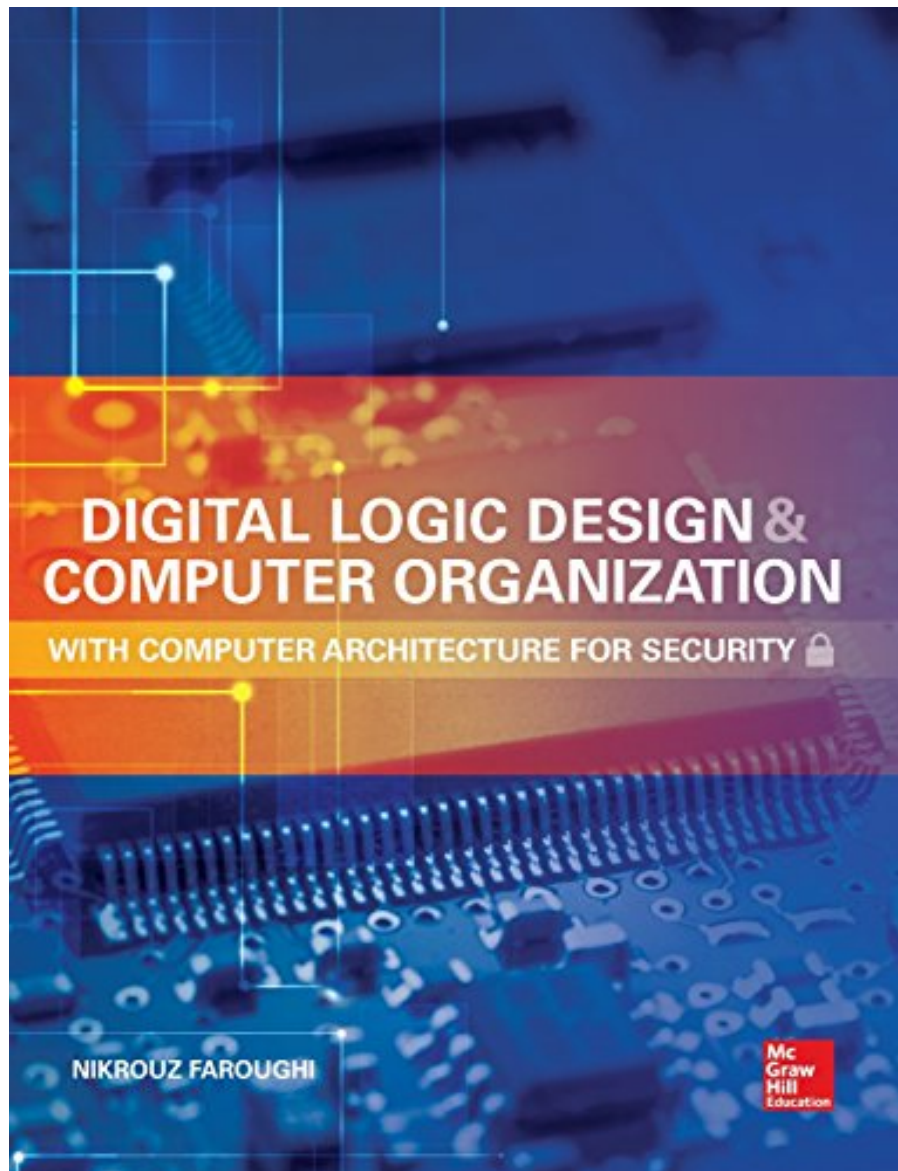


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Nikrouz Faroughi, Ph.D., is a professor and graduate coordinator in the Computer Science Department and a faculty member in the Computer Engineering Program at California State University, Sacramento. He has worked at Intel Corporation as a consultant and served as a technical manager.

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A COMPREHENSIVE GUIDE TO THE DESIGN & ORGANIZATION OF MODERN COMPUTING SYSTEMS

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Techniques for designing both small and large combinational and sequential circuits are thoroughly explained. This detailed reference addresses memory technologies, CPU design and techniques to increase performance, microcomputer architecture, including "plug and play" device interface, and memory hierarchy. A chapter on security engineering methodology as it applies to computer architecture concludes the book. Sample problems, design examples, and detailed diagrams are provided throughout this practical resource.

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About the Author

Nikrouz Faroughi, Ph.D., is a professor and graduate coordinator in the Computer Science Department and a faculty member in the Computer Engineering Program at California State University, Sacramento. He has worked at Intel Corporation as a consultant and served as a technical manager.

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