

Digital logic for computing

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Abstrak

A traditional Introduction to Digital Logic course can cover all of Chaps. 1, 2, 3, and 4, selections from Chap. 5, and then all of Chaps. 6, 7, 8, 11, 12, 13, 14, and 17, and maybe selections from Chap. 19. I happen to think Chaps. 15 and 18 are of vital importance, and the case study presented in Chap. 20 really ties the whole book together, but they are not included in every intro course. What this book adds that others in the field leave out, through Chaps. 9, 10, and 16, is more depth for applications in the computing domain. They can be incorporated in an intro course geared towards computer engineers or computer scientists, and I have used this material myself, but they can also benefit these students simply by being in the text as breadth and a good reference for later use even if not directly included in the course.