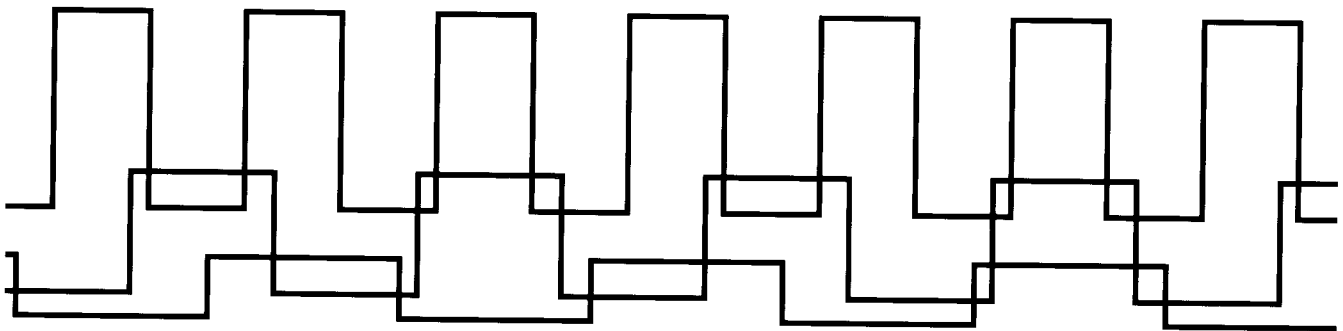


Digital Computer Electronics

Third Edition

Albert Paul Malvino, Ph.D.

Jerald A. Brown



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To my wife, Joanna, who encourages me to write.
And to my daughters, Joanna, Antonia, Lucinda,
Patricia, and Miriam, who keep me young.
—A.P.M.

. . . to my wife Vickie
dearest friend
fellow adventurer
love of my life
—J.A.B.

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