

About the Authors

David A. Hodges is the Daniel M. Tellep Distinguished Professor of Engineering Emeritus at the University of California, Berkeley. He earned the B.E.E. degree at Cornell University and the M.S. and Ph.D. degrees at the University of California, Berkeley. In 1970 he joined the faculty in Electrical Engineering and Computer Sciences at UC Berkeley. Following a year as Chair of the EECS Department, he served as Dean of the College of Engineering from July 1990 through June 1996. Professor Hodges was the winner of the 1997 IEEE Education Medal and the 1999 ASEE Benjamin Garver Lamme Award. He was the founding editor of the *IEEE Transactions on Semiconductor Manufacturing*, and a past editor of the *IEEE Journal of Solid-State Circuits*. Professor Hodges is a Fellow of the IEEE and a Member of the National Academy of Engineering. He is a Director of Silicon Image, Inc. and a former Director of Mentor Graphics.

Horace G. Jackson was born and educated in England. In 1947 he went to Canada, where until 1956 he was engaged in nuclear physics research at the Chalk River Laboratories of Atomic Energy of Canada. In 1956 he joined the Lawrence Berkeley Laboratory of the University of California, where he worked as a Senior Staff Scientist, as well as serving as a Resident Lecturer in the Department of Electrical Engineering and Computer Sciences until his retirement. He has published widely in nuclear science and electronic engineering journals and is coauthor on two books. His research interests are in high frequency analog and high-speed digital integrated circuits.

Resve A. Saleh currently holds the NSERC/PMC-Sierra Chair in the Department of Electrical and Computer Engineering at the University of British Columbia. Dr. Saleh obtained his M.S. and Ph.D. degrees in electrical engineering from the University of California, Berkeley. He received the prestigious Presidential Young Investigator Award in 1990 from the National Science Foundation in the United States. Dr. Saleh has published two books and over 60 journal articles and conference papers. He was an Associate Editor of IEEE Transactions on Computer-Aided Design and technical program chair of the Custom Integrated Circuits Conference. He has also served on numerous program committees. He is a founder and former

Chairman of Simplex Solutions (Sunnyvale, CA). Prior to starting Simplex, Dr. Saleh spent nine years as a Professor in the Department of Electrical and Computer Engineering at the University of Illinois in Urbana. He also spent one year at Stanford University on a sabbatical leave. Before embarking on his academic career, Dr. Saleh worked for Mitel Corporation in Ottawa, Canada, Toshiba Corporation in Japan, Tektronix in Beaverton, Oregon, and Nortel in Ottawa, Canada. At present, he is directing research at UBC in the System-on-Chip Research Laboratory.