

Richard C. Dorf

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Education:

Ph.D., U.S. Naval Postgraduate School, 1961
M.S., University of Colorado, 1957
B.S., Clarkson University, 1955
Certificate, U.C.L.A., Engineering Management Executive Program, 1979-80

Experience:

1982-Present University of California, Davis

Professor of Electrical and Computer Engineering; Professor in the Graduate School of Management. Teaching and research in control systems, robotics, energy systems, computers, the internet, technology management, and new business ventures.

1972-1982 University of California, Davis

Dean of Extended Learning and Professor of Electrical and Computer Engineering. Executive management and program development for the public service and extended education function of the Davis campus throughout California.

1969-1972 Vice President for Educational Services, Ohio University

Executive management of admissions, registration, records, housing, food services, student affairs, athletics, and student services.

1963-1969 Chairman and Professor of Electrical Engineering, University of Santa Clara, California.

Development of graduate and Ph.D. programs, 1963-1969.

1962-Present Consultant in engineering project development, commercialization, innovation, management, and new business ventures.

Member of the Board:

Morgan-Claypool LLC (2002-Present)

Product Development and Management Association (1984-86)

Boyd and Fraser Publishing Company, San Francisco (1969-84)

Central California Educational Television, Channel Six, Sacramento (1979-82)

KYLO Radio Inc., Davis (President, 1977-82)

New Franklin Society, California (President, 1980-83)

Sacramento Valley Venture Capital Forum, Founder and Chair, 1984-1989

Co-Founder and Chair, Marrone Bio Innovations (2006-2009)

Adaptive Technologies Inc., Sacramento (1980-1982)

International House, Davis (1983-1986)

American Society for Engineering Education (five officer posts, Vice-Chairman (1984-85)

IEEE Transactions on Engineering Management, Associate Editor (1986-1998)

Sonoma Economic Development Association, Chair (1993-1999)

Mayor, City of Sonoma, 1996, Council Member (1994-1998)

Chair, Commission Member, City of Davis (2000-2009)

Board Member, Gensa Corp., GlowComm Inc., Clean Energy Systems (1999-Present)

Awards:

American Association of Engineering Education, Fellow, 2006

Institute of Electrical and Electronic Engineering, Fellow, 1972.

Clarkson University, Alumni Award, 1974.

American Council on Education, Fellow, 1968-69.

American Association of Publishers, Best Reference and Professional Book, 1989.

Alumni Award, University of Colorado, Boulder, 1998.

Books Published:

1. The College Journey. Davis Press, 2008.

2. Time-Domain Analysis and Design of Control Systems. Addison-Wesley Publishing Company, 1965. Translated editions in French and Japanese, 1965.

3. Modern Control Systems. Addison-Wesley Publishing Company, 1967. Translated edition in Japanese, 1968, Eleventh Edition 2007.

4. Matrix Algebra: A Programmed Introduction. Wiley and Sons, Inc., 1969.

5. Technology, Society and Man. Boyd Publishing Company, 1974.

6. Introduction to Computer and Computer Science. Boyd and Fraser Publishing Company, 1972, Second edition, 1977 and Third edition, 1982.
7. Computers and Man. Boyd and Fraser Publishing Company, 1974, Second edition, 1977 and Third edition, 1982.
8. Energy, Resources and Policy. Addison-Wesley Publishing Company, 1978.
9. Appropriate Visions: Technology, the Environment and the Individual. Boyd and Fraser Publishing Company, 1978.
10. The Energy Factbook. McGraw-Hill Book Company, 1980.
11. The Energy Answer: 1982-2000. Brick House Publishing Company, 1982.
12. Robotics and Automated Manufacturing. Reston Publishing Company, 1983.
11. The Best Business Software for the IBM Personal Computer. Addison Wesley Publishing Company, 1983.
12. A User's Guide to Business Software for the Apple II. Reston Publishing Co., 1984.
13. Investment Programs for Microcomputers. Reston Publishing Company, 1984.
14. The New Mutual Fund Advisor. Probus Publishing, 1985, 2nd Edition, 1991.
15. Mutual Fund Portfolio Planning. Probus Publishing, 1987.
16. The International Encyclopedia of Robotics. Three Volumes, John Wiley and Sons, Inc., 1988.
17. The Encyclopedia of Robotics, editor. John Wiley and Sons, Inc., 1988.
18. Introduction to Electric Circuits, Wiley and Sons, 1989.
19. The Concise Encyclopedia of Robotics, Wiley and Sons, 1990.
20. Circuits, Devices and Systems, 5th Edition, Wiley and Sons, 1991 (with R. Smith).
21. Modern Control Systems, 6th edition. Addison Wesley, 1992.
22. The Electrical Engineering Handbook, CRC Press and IEEE Press, 1992.
23. The Handbook of Manufacturing and Automation, Wiley and Sons, 1994 (with A. Kusiak).
24. Field Programmable Gate Arrays, Wiley and Sons, 1995 (with J. Oldfield).
25. Modern Control Systems, 9th Edition, 2000.
26. The Engineering Handbook, CRC Press, 1996.

27. Introduction to Electric Circuits, Wiley and Sons, 3rd Edition, 1996.
28. Millennium Stocks, St. Lucie Press, 1999.
29. Technology, Humans, and Society: Towards a Sustainable World, Academic Press, 2001.
30. Technology Ventures, McGraw Hill, 2005, Second Edition 2008