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Nathan Rosenberg



Nathan Rosenberg is the Fairleigh S. Dickinson Jr., Professor of Public Policy (Emeritus) in the Department of Economics at Stanford University. He was educated at Rutgers University, University of Wisconsin and Oxford University. He has taught at the University of Pennsylvania, Purdue University, Harvard University, the University of Wisconsin, The London School of Economics, and Cambridge University.

Professor Rosenberg's primary research activities have been in the economics of technological change. His publications have addressed both the questions of the determinants and the consequences of technological change. His research has examined the diversity of the forces generating technological change across industrial boundary lines, as well as the mutual influences between scientific research and technological innovation. Professor Rosenberg's books include *The American System of Manufactures*, *Perspectives on Technology*, *Inside the Black Box*, *Technology and the Pursuit of Economic Growth* (with David Mowery), *How the West Grew Rich* (with L.E. Birdzell, Jr.), *Exploring the Black Box*, and, most recently, *The Emergence of Economic Ideas*.

Professor Rosenberg has served as chairman of the Stanford Economic Department. He is a member of the Board of Directors of the National Bureau of Economic Research, chairman of the advisory board of the UN Institute for New Technology, and a fellow of the Canadian Institute for Advanced Research. He is an Elected Fellow of the American Academy of Arts and Sciences and the Swedish Royal Academy of Engineering Sciences. He is the recipient of honorary doctoral degrees from the University of Lund and the University of Bologna.

Books by Nathan Rosenberg

**Schumpeter and the Endogeneity of Technology: Some American Perspectives
(The Graz Schumpeter Lectures)**

ISBN: *Hardcover* 0-415-22652-X

Author: Nathan Rosenberg

Publisher: Routledge, London and New York

Date published: April, 2000 [Reprinted 2002]

Number of pages: VIII+125

Chemicals and Long-Term Economic Growth: Insights from the Chemical Industry

ISBN: *Paperback* 0-471-39962-0
Editors: Ashish Arora, Ralph Landau, and Nathan Rosenberg
Publisher: Wiley-Interscience
Date published: September 4, 2000 [New edition]
Number of pages: 576

Paths of Innovation: Technological Change in 20th-Century America

ISBN: *Hardcover* 0-521-64119-5
Authors: David C. Mowery and Nathan Rosenberg
Publisher: Cambridge University Press
Date published: September 28, 1998 [First paperback edition October 28, 1999 (0-521-64653-7)]
Number of pages: 224

Sources of Medical Technology: Universities and Industry [Medical Innovation at the Crossroads - Volume V]

ISBN: *Paperback* 0-309-05189-4
Editors: Nathan Rosenberg, Annetine C. Gelijns, and Holly V. Dawkins
Publisher: Committee on Technological Innovation in Medicine - Institute of Medicine / National Academy Press, Washington, D.C.
Date published: April, 1995
Number of pages: XIV+239

The Emergence of Economic Ideas: Essays in the History of Economics (Economists of the Twentieth Century)

ISBN: *Hardcover* 1-858-98047-X
Author: Nathan Rosenberg
Publisher: Edward Elgar Publishing
Date published: November 1994
Number of pages: 188

Exploring the Black Box: Technology, Economics, and History

ISBN: *Paperback* 0-521-45955-9 / *Hardback* 0-521-45270-8
Author: Nathan Rosenberg
Publisher: Cambridge University Press
Date published: First published 10 March, 1994; reprinted 2000
Number of pages: 284

Technology and the Wealth of Nations

ISBN: *Hardcover* 0-804-72082-7 / *Paperback* 0-804-72083-5
Editors: Nathan Rosenberg, Ralph Landau, and David C. Mowery
Publisher: Stanford University Press
Date published: October 1992
Number of pages: 443 Pages

Technology and the Pursuit of Economic Growth

ISBN: *Hardback* 0-521-38033-2 / *paperback* 0-521-38936-4
Authors: David C. Mowery and Nathan Rosenberg

Publisher: Cambridge University Press
Date published: First published October 27, 1989 [First paperback edition 26 July, 1991; reprinted 1994, 1995]
Number of pages: 338

Positive Sum Strategy: Harnessing Technology for Economic Growth

ISBN: *Paperback* 0-309-03630-5
Editors: Nathan Rosenberg and Ralph Landau
Publisher: National Academy of Engineering / National Academy Press, Washington, D.C.
Date published: 1986 [Second Printing: 1989]
Number of pages: XVI+ 640

On technology blending (World Employment Programme research working paper)

ISBN: 9-221-05554-X
Author: Nathan Rosenberg
Publisher: International Labour Office
Date published: January 1986
Number of pages: 39

How the West Grew Rich: The Economic Transformation of the Industrial World

ISBN: *Hardcover* 1-850-43016-0 / *Paperback* 0-465-03109-9
Authors: Nathan Rosenberg and L. E. Birdzell, Jr.
Publisher: I.B. Tauris & Co Ltd [first edition] / Basic Books [reprinted edition]
Date published: First published May 1986 [hardcover]; reprinted May 31, 1987 [paperback]
Number of pages: 368 [paperback]

International Technology Transfer: Concepts, Measures, and Comparisons

ISBN: *Hardcover* 0-275-90221-8
Editors: Nathan Rosenberg and Claudio Frischtak
Publisher: Greenwood Publishing Group - Praeger Publishers, New York
Date published: October, 1985
Number of pages: 364

Inside the Black Box: Technology and Economics

ISBN: *Paperback* 0-521-27367-6
Author: Nathan Rosenberg [Contributors: David C. Mowery and W. Edward Steinmueller]
Publisher: Cambridge University Press; New York
Date published: First published 28 January, 1983; reprinted 1983, 1986, 1988, 1990, 1993, 1995, 1999
Number of pages: 304

Britannia Bridge: The Generation and Diffusion of Technological Knowledge

ISBN: *Hardcover* 0-262-18087-1
Authors: Nathan Rosenberg and Walter G. Vincenti
Publisher: The MIT Press
Date published: October, 1978
Number of pages: 128

Perspectives on Technology

ISBN: *Hardcover* 0-521-20957-9
Author: Nathan Rosenberg
Publisher: Cambridge University Press
Date published: July 30, 1976
Number of pages: 362

Reprint edition:
ISBN: *Paperback* 0-783-79948-9
Author: Nathan Rosenberg
Publisher: Univ Microfilms Intl
Date published: June, 1985
Number of pages:

Reprint edition:
ISBN: *Paperback* 0-873-32303-3
Author: Nathan Rosenberg
Publisher: M.E. Sharpe
Date published: 1985
Number of pages: 352

Technology and American Economic Growth

ISBN: *Paperback* 0-873-32104-9
Author: Nathan Rosenberg
Publisher: M.E. Sharpe Inc, Armonk, NY.
Date published: June 1972
Number of pages: 211

Economics of Technological Change: Selected Readings

ISBN: 0-140-80249-5
Compiler: Nathan Rosenberg
Publisher: Penguin modern economics readings
Date published: January 1971
Number of pages: 509

American System of Manufactures: The Report of the Committee on the Machinery of the United States 1855, and the Special Reports of George Wallis and Joseph Whitworth 1854

ISBN: 0-852-24016-3
Editor: Nathan Rosenberg (with an introduction by Nathan Rosenberg)
Publisher: Edinburgh University Press, Edinburgh. UK
Date published: January 1969
Number of pages: 440