

The Cybernetics Moment Or Why We Call Our Age The Information Age New Studies In American Intellect And Cultural History

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PSYCHO-CYBERNETICS BY MAXWELL MALTZ ANIMATED REVIEW Andrew Pickering, \"Sketches of Another Future: Cybernetics in Britain, 1940-2000\" Psycho-Cybernetics - Maxwell Maltz (Mind Map Summary) The Cybernetics Moment Or Why

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(Second-Order Cybernetics) "Kline's *The Cybernetics Moment* tracks the rise and fall of the cybernetics movement in more detail than any historical account to date." (Los Angeles Review of Books) "Kline does a valuable service tracing the contrasting fates of cybernetics and information theory." (Annals of Science) "... The knowledge offered in *The Cybernetics Moment* will greatly contribute to any reader seeking an enhanced or more comprehensive understanding of our present-day discourse ...

The Cybernetics Moment: Or Why We Call Our Age the ...

In *The Cybernetics Moment: Or Why We Call Our Age the Information Age*, Ronald R. Kline describes the evolution of cybernetics between the late 1940s and the 1990s. We use cookies to enhance your experience on our website. By continuing to use our website, you are agreeing to our use of cookies.

Ronald R. Kline. *The Cybernetics Moment: Or Why We Call ...*

In *The Cybernetics Moment*, Ronald R. Kline, a senior historian of technology, examines the intellectual and cultural history of cybernetics and information theory, whose language of "information," "feedback," and "control" transformed the idiom of the sciences, hastened the development of information technologies, and laid the conceptual foundation for what we now call the Information Age.

The Cybernetics Moment: Or Why We Call Our Age the ...

The Cybernetics Moment: Or Why We Call Our Age the Information Age. Ronald R. Kline. Cybernetics?the science of communication and control as it applies to machines and to humans?originates from efforts during World War II to build automatic anti-aircraft systems. Following the war, this science extended beyond military needs to examine all systems that rely on information and feedback, from the level of the cell to that of society.

The Cybernetics Moment: Or Why We Call Our Age the ...

The Cybernetics Moment, or Why We Call Our Age the Information Age. By Ronald R. Kline. Baltimore: John Hopkins Press, 2015. 352 pp. \$54.95 (hardcover). ISBN 978-1-4214-1671-1. It has been curious to observe: nowhere in the burgeoning secondary literature on cybernetics in the last two decades is there a concise history of cybernetics, the science of communication and control that helped usher in the current information age in America.

The Cybernetics Moment, or Why We Call Our Age the ...

Ronald R. Kline *The Cybernetics Moment: Or Why We Call Our Age the Information Age* (Baltimore: John Hopkins University Press 2015) \$24.95 Pb, \$54.95 EPUB, MOBI, PDF, \$54.95 Hb. ISBN: 9781421416717. With *The Cybernetics Moment* Ronald R. Kline presents a comprehensive and compelling intervention into the history of science that highlights the period from the late 1940s until the 1970s to ...

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Ronald R Kline The Cybernetics Moment: Or Why We Call Our ...

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The Cybernetics Moment | Johns Hopkins University Press Books

Among other things, The Cybernetics Moment is a fascinating study in how institutional support in the form of grants by both private foundations and the then-new National Science Foundation (established in 1950) were critical in forming (or not forming) new disciplines, as well as encouraging new interactions among established disciplines.

The Cybernetics Movement - IEEE Technology and Society

"The Cybernetics Moment is an in-depth study of the field of cybernetics. It is also a useful case study of how researchers clarify the questions and boundaries of a field, offering an explanation for the success of information theory and the relative lack of success for cybernetics.

The Cybernetics Moment: Or Why We Call Our Age the ...

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Amazon.com: The Cybernetics Moment: Or Why We Call Our Age ...

Kline suggests that the cybernetics moment ended in the mid 1970s. That was when the term second order cybernetics was introduced. This term marked a major shift of emphasis in cybernetics from technical applications to the biology of cognition and its philosophical implications.

The Cybernetics Moment: Or Why We Call Our Age the ...

The Cybernetics Moment: Or, Why We Call Our Age the Information Age
Ronald R. Kline Johns Hopkins University Press 2015 336 pages \$54.95
Hardcover New Studies in American Intellectual and Cultural History
Q360 Kline presents an examination of the evolution of the contemporary science of communication and control between humans and machines. ...

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The Cybernetics Moment | UK education collection

Outstanding Academic Title, Choice Cybernetics--the science of communication and control as it applies to machines and to humans--originates from efforts during World War II to build automatic anti-aircraft systems. Following the war, this science extended beyond military needs to examine all systems that rely on information and feedback, from the level of the cell to that of society. In *The ...*

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?The Cybernetics Moment on Apple Books

The Cybernetics Moment (Hardcover) Or Why We Call Our Age the Information Age (New Studies in American Intellectual and Cultural History) By Ronald R. Kline. Johns Hopkins University Press, 9781421416717, 352pp. Publication Date: July 15, 2015. Other Editions of This Title: Paperback (10/16/2017)

The Cybernetics Moment: Or Why We Call Our Age the ...

On this last point, this paper makes an addition to the history of cybernetics by offering a portrait not of cybernetics in action, but of cybernetics in vulgarization. Not that the Groupe would not make their own stamp on politics: Several of them still hold significant power in adjudicating the role of science and technology in the public sphere in the French state.

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Cybernetics—the science of communication and control as it applies to machines and to humans—originates from efforts during World War II to build automatic anti-aircraft systems. Following the war, this science extended beyond military needs to examine all systems that rely on information and feedback, from the level of the cell to that of society. In *The Cybernetics Moment*, Ronald R. Kline, a senior historian of technology, examines the intellectual and cultural history of cybernetics and information theory, whose language of "information," "feedback," and "control" transformed the idiom of the sciences, hastened the development of information technologies, and laid the conceptual foundation for what we now call the Information Age. Kline argues that, for about twenty years after 1950, the growth of cybernetics and information theory and ever-more-powerful computers produced a utopian information narrative—an enthusiasm for information science that influenced natural scientists, social scientists, engineers, humanists, policymakers, public intellectuals, and journalists, all of whom struggled to come to grips with new relationships between humans and intelligent machines. Kline traces the relationship between the invention of computers and communication systems and the rise, decline, and transformation of cybernetics by analyzing the lives and work of such notables as Norbert Wiener, Claude Shannon, Warren McCulloch, Margaret Mead, Gregory Bateson, and Herbert Simon. Ultimately, he reveals the crucial role played by the cybernetics moment—when cybernetics and information theory were seen as universal sciences—in setting the stage for our current preoccupation with information technologies.

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A historical study of Chile's twin experiments with cybernetics and socialism, and what they tell us about the relationship of technology and politics.

This is the engaging story of a moment of transformation in the human sciences, a detailed account of a remarkable group of people who met regularly to explore the possibility of using scientific ideas that had emerged in the war years as a basis for interdisciplinary alliances.

Previously published Wiltshire, 1967. Guide to personal health and success

Cybernetics is often thought of as a grim military or industrial science of control. But as Andrew Pickering reveals in this beguiling

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History book, a much more lively and experimental strain of cybernetics can be traced from the 1940s to the present. The Cybernetic Brain explores a largely forgotten group of British thinkers, including Grey Walter, Ross Ashby, Gregory Bateson, R. D. Laing, Stafford Beer, and Gordon Pask, and their singular work in a dazzling array of fields.

Psychiatry, engineering, management, politics, music, architecture, education, tantric yoga, the Beats, and the sixties counterculture all come into play as Pickering follows the history of cybernetics' impact on the world, from contemporary robotics and complexity theory to the Chilean economy under Salvador Allende. What underpins this fascinating history, Pickering contends, is a shared but unconventional vision of the world as ultimately unknowable, a place where genuine novelty is always emerging. And thus, Pickering avers, the history of cybernetics provides us with an imaginative model of open-ended experimentation in stark opposition to the modern urge to achieve domination over nature and each other.

"In contextualizing the theory of cybernetics, Mindell gives engineering back forgotten parts of its history, and shows how important historical circumstances are to technological change." -- Networker

Cybernetics (loosely translated from the Greek): "a helmsman who steers his ship to port." Psycho-Cybernetics is a term coined by Dr. Maxwell Maltz, which means, "steering your mind to a productive, useful goal so you can reach the greatest port in the world, peace of mind." Since its first publication in 1960, Maltz's landmark bestseller has inspired and enhanced the lives of more than 30 million readers. In this updated edition, with a new introduction and editorial commentary by Matt Furey, president of the Psycho-Cybernetics Foundation, the original text has been annotated and amplified to make Maltz's message even more relevant for the contemporary reader. "Before the mind can work efficiently, we must develop our perception of the outcomes we expect to reach. Maxwell Maltz calls this Psycho-Cybernetics; when the mind has a defined target it can focus and direct and refocus and redirect until it reaches its intended goal." -Tony Robbins (from Unlimited Power) Maltz was the first researcher and author to explain how the self-image (a term he popularized) has complete control over an individual's ability to achieve (or fail to achieve) any goal. And he developed techniques for improving and managing self-image-visualization, mental rehearsal, relaxation-which have informed and inspired countless motivational gurus, sports psychologists, and self-help practitioners for more than fifty years. The teachings of Psycho-Cybernetics are timeless because they are based on solid science and provide a prescription for thinking and acting that lead to quantifiable results.

Only a few books stand as landmarks in social and scientific upheaval. Norbert Wiener's classic is one in that small company. Founder of the science of cybernetics-the study of the relationship between computers

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and the human nervous system—Wiener was widely misunderstood as one who advocated the automation of human life. As this book reveals, his vision was much more complex and interesting. He hoped that machines would release people from relentless and repetitive drudgery in order to achieve more creative pursuits. At the same time he realized the danger of dehumanizing and displacement. His book examines the implications of cybernetics for education, law, language, science, technology, as he anticipates the enormous impact—in effect, a third industrial revolution—that the computer has had on our lives.

Focusing on the Macy Foundation conferences, a series of encounters that captured a moment of transformation in the human sciences.

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