

Marxism and the Philosophy of Science

A Critical History

Helena Sheehan

Marxism The Philosophy Of Science

Richard Hudelson

Marxism The Philosophy Of Science:

Marxism and the Philosophy of Science Helena Sheehan,2018-01-23 A masterful survey of the history of Marxist philosophy of science Sheehan retraces the development of a Marxist philosophy of science through detailed and highly readable accounts of the debates that shaped it Skilfully deploying a large cast of characters Sheehan shows how Marx and Engels ideas on the development and structure of natural science had a crucial impact on the work of early twentieth century natural philosophers historians of science and natural scientists With a new afterword by the author

The

Marxist Philosophy and the Sciences J. B. S. Haldane,2016-01-29 This book first published in 1938 is based upon the Muirhead lectures on political philosophy delivered in the University of Birmingham in January and February of 1938 This title was intended to be of interest to students and scientific workers in the belief that Marxism will prove valuable to them in

their scientific work as well as to a wider audience **Reason in Revolt, Vol. I** Ted Grant,Alan Woods,2002 Reason in Revolt further develops the theory of Dialectical Materialism using the most important scientific discoveries of the 20th century as a tool First exposed by Marx and Engels Dialectical Materialism is a comprehensive methodology explaining the unity of the laws that govern nature science and society from evolution to chaos theory nuclear physics to childhood development First published in 1995 to coincide with Engels centenary Reason in Revolt has had a great success around the world It has been published in Spanish Italian Greek Turkish Urdu and is now being translated into German and Flemish The Spanish edition recently went into its second edition To date no one has found serious fault with the science of the book And every new discovery of science serves to confirm the statement of Engels that in the last analysis Nature works dialectically

Marxism and the Philosophy of Science Helena Sheehan,1993-01-01 This work approaches Marxism from the perspective of the philosophy of science Helen Sheehan aims to illuminate the complex conjuncture of science philosophy and politics within Marxism showing how Marx and Engels ideas on science had an impact on early 20th century natural philosophers

Soviet Marxism and Natural Science David Joravsky,2013-04-15 Originally published in 1961 Russian Marxist philosophy of science originated among men and women who gave their whole lives to rebellion against established authority The original tension within Marxist philosophy between positivism and metaphysics was repressed but not resolved in this first phase of Soviet Marxism In this volume the author correlates the development of ideas with trends in the Cultural Revolution and against this background it is possible to understand why debates over general philosophy gave way to conflicts over specific sciences in the aftermath of the first Five Year Plan and why there was a genuine crisis in Soviet biology

Marxism, Science, and the Movement of History Alan R. Burger,Hyman R. Cohen,David H. DeGrood,1980

The Marxist Philosophy and the Sciences Haldane,1985-01-01 **Marxism and Philosophy in the Twentieth Century** Richard Hudelson,1990-09-25 Useful to both students and scholars of the social sciences and humanities this book provides a guide to fundamental issues in twentieth century Marxist thought Outlining the two distinct and incompatible

critiques of vulgar Marxism Marxist Leninism and humanistic Marxism that gained prominence in the aftermath of World War I this book presents both an historical overview of these two dominant traditions and a critical analysis of their philosophical roots Challenging the viewpoints of Marxist thought which have prevailed in this century Richard Hudelson argues that the supposed philosophical breakthroughs claimed by both Marxist Leninism and humanistic Marxism rest upon flawed reasoning With a careful critique of these prevailing views he presents his own view which while receptive to the social scientific work of current analytical Marxism de emphasizes the importance of philosophy in the study of Marxism Hudelson contends that developments in contemporary philosophy of science will allow for an appreciation of the scientific Marxism of the Second International without recourse to the philosophical theories of humanistic Marxism and Marxist Leninism Also using some of the more recent developments in the philosophy of science this book makes possible a fruitful exchange between analytical Marxism and Marxist Leninism Divided into three parts the book first presents a historical introduction which identifies positions and arguments of historical significance This is followed by an analytical look at various arguments to determine where the strongest position lies Finally the author offers some concluding remarks on the significance of his analysis for current directions within Marxist philosophy

Reconsideration of Science and Technology II

Liu Dachun,Ai Zhiqiang,Yang Huili,2022-09-30 In reviewing and reconsidering the intellectual history of scientism and antiscientism the authors assess the process of reasoning and prejudices of these contrasting viewpoints while discussing the repercussions of scientific hegemony and its contemporary criticism As the second volume of a three volume set that proposes to reconsider science and technology and explores how the philosophy of science and technology responds to an ever changing world this title focuses on ideological trends centering around scientism and anti scientism since the 19th century The six chapters look into the emergence of scientism instrumental reason scientific optimism scientific pessimism scientific crisis and irrationalism and finally the deconstruction of scientism The authors provide insight into the connections and biases of these disparate views and critiques explore the influences of the hegemony of science and contemporary critique of science and evaluate the value of postmodernism and deconstructivism The volume will appeal to scholars and students interested in the philosophy of science and technology the ideology of scientism and anti scientism modernism and postmodernism Marxist philosophy and topics related to scientific culture

Science, Politics and Social Practice Kostas Gavroglu,John Stachel,Marx W. Wartofsky,2010-12-06 The essays in this Festschrift are celebrations of the human mind in its manifold expressions philosophical scientific historical aesthetic political and in its various modes analytical systematic critical imaginative constructive They are offered to Robert S Cohen on the occasion of his 70th birthday in acknowledgment of his own extra ordinary participation in the life of the mind and of his unfailing encouragement and facilitation of the participation of others It is fitting that these volumes should appear in the Boston Studies in the Philosophy of Science the series which he co founded so many years ago and of which he has been the principal editor for more than three decades

These are perhaps the only volumes of that series which he has not edited or co edited The three volumes that constitute this Festschrift cover the range of Cohen s interests as a philosopher scientistlhumanist as they also represent the spectrum of his professional and personal friendships Regretfully the editors could not include contributions from more of them here The first volume centers around the philosophy and history of the natural sciences and mathematics Volume Two collects essays related to Marxism and science philosophy of culture and the social sciences and the third volume focuses on science and the humanistic understanding in art epistemology religion and ethics *The Marxist Philosophy and the Sciences* John Burdon Sanderson Haldane,1939 Reconsideration of Science and Technology I Liu Dachun,2022-09-30 This volume analyzes Karl Marx s understanding of science and technology and how it is associated with his focus on the perspective of history and human practice seeking to illuminate a renewed understanding of science and technology from a Marxist angle As the first volume of a three volume set that proposes to reconsider science and technology and explores how the philosophy of science and technology responds to an ever changing world the book delves into Marx s analysis of scientific and technological problems and phenomena across five chapters The authors explain the positioning of science and technology and the Marxist theoretical perspective of history and practice from which Marx s views on science and technology derive before an examination of three focal dimensions pertaining to science and technology productivity technological alienation and liberty Not always viewed as central to Marx s works discussions on science and technology are often underdeveloped but a reinterpretation of Marx s thoughts on the issues corroborates the efficacy of Marxism in terms of understanding today s world and especially the development of science and technology The volume will appeal to scholars and students interested in Marxist philosophy the philosophy of science and technology and topics related to scientific culture *Marxist Philosophy and the Sciences* J. B. S. Haldane,2017-09-05 This book first published in 1938 is based upon the Muirhead lectures on political philosophy delivered in the University of Birmingham in January and February of 1938 This title was intended to be of interest to students and scientific workers in the belief that Marxism will prove valuable to them in their scientific work as well as to a wider audience *Reason in Revolt; Marxist Philosophy and Modern Science* Alan Woods,2007-01-01 As we approach the 21st Century science and philosophy are at the crossroads Achievements of science and technology in the 20th Century are unparalleled in history They provide the potential for the solution of all the problems faced by the planet and

Marxism and Science G. N. Kitching,1994 In 1980 Alvin Gouldner identified two traditions of Marxist thought Marxism as science and Marxism as critique This book is concerned with the first and by far the most politically influential of those traditions Marxism as science It analyzes the claim first made by Marx and Engels themselves that Marxism is some kind of hard natural science of society able to identify laws of social development and to provide a scientific guide to revolutionary activity Marxism and Science breaks new ground by using Wittgensteinian analysis of Marxist discourse to construct a totally different conception of Marxism appropriate to the postmodern world In this conception Marxism is a point of view that can

be advanced rationally defended and made convincing and persuasive to others but that is as partial in some respects as any other political point of view Reconceiving Marxism thus requires not only understanding language in a different nonobjectivist way but also adopting a new political practice and program which the book proceeds to outline Marxism and Science concludes that intellectually Marxism as hard science is fairly obviously and profoundly untenable But it goes on to argue that the purely intellectual grounds for this claim are much less interesting than the political and psychological purposes that such a claim has always served for Marxists in particular and scientific socialists in general The most important of these purposes has been to provide a sort of psychological and emotional certitude to set against the overwhelming existential domination of capitalism in the world Claiming this certitude to be as spurious as the arguments used to sustain it the author calls upon Marxists and socialists to admit this and accept the doubt and uncertainty that come with a frank avowal of an open and unforeclosed future

Philosophy and the Spontaneous Philosophy of the

Scientists Louis Althusser,2020-05-05 Intended to contribute in his own words to a left wing critique of Stalinism that would help put some substance back into the revolutionary project here in the West they are the record of a shared history At the same time they chart Althusser s critique of the theoretical system unveiled in his own major works and his developing practice of philosophy as a revolutionary weapon Attesting to the unique place which Althusser has occupied in modern intellectual history between a tradition of Marxism which he sought to reconstruct and a post Marxism which has eclipsed its predecessor these texts are indispensable reading *Issues in Marxist Philosophy* John Mepham,David-Hillel Ruben,1979 V 1 Dialectics and method v 2 Materialism v 3 Epistemology science ideology v 4 Social and political philosophy *Marxism and the Philosophy of Science: The first hundred years* Helena Sheehan,1985 **The History of Philosophy** Alan Woods, Alan Woods outlines the development of philosophy from the ancient Greeks all the way through to Marx and Engels who brought together the best of previous thinking to produce the Marxist philosophical outlook which looks at the real material world not as a static immovable reality but one that is constantly changing and moving according to laws that can be discovered It is this method which allows Marxists to look at how things were how they have become and how they are most likely going to be in the future in a long process which started with the early primitive humans in their struggles for survival through to the emergence of class societies all as part of a process towards greater and greater knowledge of the world we live in This long historical process eventually created the material conditions which allow for an end to class divisions and the flowering of a new society where humans will achieve true freedom where no human will exploit another no human will oppress another Here we see how philosophy becomes an indispensable tool in the struggle for the revolutionary transformation of society **The Marxist Philosophy** John Burdon Sanderson Haldane,1938

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