

Scientific-Technical Progress and the Revolution in Military Affairs

A Soviet View



**Edited by
N. A. Lomov**

Scientific Technical Progress And The Revolution In Military Affairs

Michael Hoelscher



Scientific Technical Progress And The Revolution In Military Affairs:

Scientific-technical Progress and the Revolution in Military Affairs (a Soviet View). Nikolai Andreevich Lomov, 1974 **Scientific-Technical Progress and the Revolution in Military Affairs** N. A. Lomov, 2002-07 Scientific Technical Progress and the Revolution in Military Affairs was translated and published under the auspices of the United States Air Force The original Russian edition was published by the Military Publishing House of the Ministry of Defense in the USSR The book is identified as describing the present stage as of original publication in 1972 in the development of Soviet military theory and practice in relationship to scientific industrial progress It tells how the achievements of science and technology the invention and introduction of nuclear missile weapons and other modern means of armed combat have brought about a revolution in military affairs The book analyzes the qualitative changes in weapons and the technical outfitting of the Soviet army and navy in the organization of the armed forces the forms and methods of combat in troop control the methods of training and indoctrinating troops and the dialectics of the relationships of man and technology in modern war Scientific Technical Progress and the Revolution in Military Affairs was written by a group of officers and generals who are recognized spokesmen of Soviet military affairs **Scientific-technical Progress and the Revolution in Military Affairs (a Soviet View).** Nikolai Andreevich Lomov, 1974 **Scientific-technical Progress and the Revolution in Military Affairs** United States. Department of the Air Force, 1973 Scientific - Technical Progress and the Revolution in Military Affairs , 1980 *Scientific-technical Progress and the Revolution in Military Affairs (a Soviet View).* Nikolai Andreevich Lomov, 1974 The Military Revolution and Revolutions in Military Affairs Mark Fissel, 2022-12-05 The Military Revolution and Revolutions in Military Affairs updates two central debates in military history the one surrounding the concept of military revolution and the one on military affairs whilst advancing original research in both fields Only a handful of publications consider the military revolution and the RMA in tandem This book breaks new ground conceptually and appeals to an exceptionally large and diverse readership Comparative revisionist studies of the military revolution and RMA better enable us to comprehend the historical continuum and reveal the new RMA for what it is And for what it is shortly to become This book presents original contributions within the epicentre of the military revolution debate the 1500s with an emphasis on gunpowder revolution offensively and defensively The connections with the Revolution in Military Affairs are then made explicit by scholars a practitioner and an analyst with an emphasis on airborne lethal autonomous weapons systems This is a chronologically broad and unique methodological approach to a historical debate that begs for clarification as we enter an era where killer robots will almost certainly take from humans their monopoly on violence *Managing the Revolution in Military Affairs* R. Matthews, J. Treddenick, 2001-08-20 The collapse of the Soviet Union and the end of the Cold War was the catalyst for profound changes in the global security and defence management environment including alterations in the size structure and configuration of the Armed Forces emergence of asymmetrical warfare recognition of the strategic

significance of military infosphere embracing all dimensions of the virtual and vertical battlespace emphasis on coalition warfare and defence industrial cooperation and reform of the financial procurement and logistical systems The contributors to this book evaluate these environmental changes within a defence management context **Professional Journal of the United States Army** ,1974 **Quarterly Review of Military Literature** ,1980 **Military Review** ,1983 **Soviet Strategy and the New Military Thinking** Derek Leebaert,Timothy Dickinson,1992 This book first published in 1991 analyses the unprecedented changes as well as the troubling continuities that characterized Soviet military thinking during the early 1990s **Monthly Catalog of United States Government Publications** ,1974 *Strategic and theater nuclear forces* United States. Congress. Senate. Committee on Armed Services,1982 *Problems of Communism* ,1976 **The Armed Forces Of The Ussr** Harriet Fast Scott,William F. Scott,2019-07-16 This up to date analysis of the development and organization of the Soviet Armed Forces provides a profound insight into the military thinking that has determined the course of Soviet military history from the birth of the first Communist armed forces organization to the present The eminent authors of this book have drawn on thousands of Soviet Ministry of Defense publications only a very few of which have been translated into English and four years of research in the USSR to portray the fundamentals of Soviet military doctrine and strategy They cover fully the postwar development of the Soviet military looking at the High Command each of the five services combat formations and supporting agencies and give a comprehensive account of the Soviet military industrial complex military training of Soviet youth military manpower mobilization and the Soviet officer corps Their discussion of the relationship between the Party and the Armed Forces based on Soviet data includes an examination of popular Western myths about internal Soviet military Party splits The wealth of detailed information contained in this book includes numerous notes tables and figures and a broad range of other data all based exclusively on primary sources as well as an extensive bibliography **Air University Review** ,1985-07 *Soviet Foreign Policy in a Changing World* Robbin F. Laird,Erik P. Hoffmann,2021-03-22 No detailed description available for Soviet Foreign Policy in a Changing World *Technological Change and the Future of Warfare* Michael E. O'Hanlon,2011-04-01 In light of the spectacular performance of American high technology weapons in the 1991 Persian Gulf War as well as the phenomenal pace of innovation in the modern computer industry many defense analysts have posited that we are on the threshold of a revolution in military affairs RMA The issue has more than semantic importance Many RMA proponents have begun to argue for major changes in Pentagon budgetary priorities and even in American foreign policy more generally to free up resources to pursue a transformed U S military and to make sure that other countries do not take advantage of the purported RMA before we do This book takes a more measured perspective Beginning with a survey of various types of defense technologies it argues that while important developments are indeed under way most impressively in electronics and computer systems the overall thrust of contemporary military innovation is probably not of a revolutionary magnitude Some reorientation of U S defense dollars is

appropriate largely to improve homeland defense and to take advantage of the promise of modern electronics systems and precision guided munitions But radical shifts in U S security policy and Pentagon budget priorities appear unwarranted especially if those shifts would come at the expense of American military engagement in overseas defense missions from Korea to Iraq to Bosnia The Soviet Art Of War Harriet Fast Scott, William F. Scott, 2019-07-11 No other nation has invested as much intellectual capital in the study of war as has the Soviet Union over the last six decades and the doctrine strategy and tactics that have been developed by Soviet theoreticians are bound to guide any future Soviet military action The Soviet Art of War makes available to Western readers selections from the most significant and influential Soviet military writings from 1917 to the present The Scotts have examined thousands of Soviet military publications including the restricted journal of the Soviet General Staff Voyennaya Mysl to make this book the most comprehensive account of Soviet military theory and practice yet published The papers they have chosen thoroughly illustrate the development of the basic features of Soviet military art from the days of trench warfare to the era of the nuclear battlefield These documents demonstrate the emphasis on surprise on deception on mass deep penetration of enemy defenses and on a unified strategy for all services They also show the forms of military action destruction and attrition defense and offense maneuver and position as seen through the eyes of leading Soviet marshals generals and admirals The usefulness of this material is further enhanced by the Scotts commentary and their analysis of each group of readings

Reviewing **Scientific Technical Progress And The Revolution In Military Affairs**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is actually astonishing. Within the pages of "**Scientific Technical Progress And The Revolution In Military Affairs**," an enthralling opus penned by a very acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve into the book's central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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