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EXECUTIVE BRIEFING

AN EXAMINATION OF HIGH-PERFORMANCE COMPUTING EXPORT CONTROL POLICY IN THE 1990s

Seymour Goodman
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Examination Of High Performance Computing Export Control Policy In The 1990s

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Examination Of High Performance Computing Export Control Policy In The 1990s:

Executive Briefing Seymour Goodman,Peter Wolcott,Grey Burkhart,1996 Reports on the results of a recent study of the U S Japanese special export control regime for high performance computers This briefing reviews the history and purpose of this regime and establishes a framework for analysis This framework can be used to test the basic premises on which the control regime rests and to suggest viable control thresholds The briefing reviews the necessity of high performance computers in U S government national security applications It suggests the levels of export control that are possible for such systems and discusses the desirability and feasibility of maintaining such controls It also identifies the near and intermediate term problems that may erode the viability of the basic premises underlying high performance computer export controls

U.S. Supercomputer Export Control Policy United States. Congress. House. Committee on National Security,1998

Building on the Basics Seymour E. Goodman,Peter Wolcott,Grey E. Burkhart,1995-01-01   U.S. National Security and Military/commercial Concerns with the People's Republic of China United States. Congress. House. Select Committee on U.S. National Security and Military/Commercial Concerns with the People's Republic of China,1999 May 25 1999 declassified in part pursuant to House Resolution 5 as amended 106th Congress 1st session Added title page   *Export controls information on the decision to revise high performance computer controls : report to the chairman, Subcommittee on International Security, Proliferation, and Federal Services, Committee on Governmental Affairs, U.S. Senate* ,   Export Control Implementation Issues with Respect to High-performance Computers United States. Congress. Senate. Committee on Governmental Affairs,2000   **GAO Report on High Performance Computers** United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on International Security, Proliferation, and Federal Services,1999

Export controls statutory reporting requirements for computers not fully addressed : report to congressional requesters ,

The Diffusion of Military Technology and Ideas Emily O. Goldman,Leslie C. Eliason,2003 Antologi Sikkerhedspolitiske forskere giver deres vurdering af f lgerne af informationsalderens opg r med hidtidig kendt v benteknologi og doktriner i forbindelse med den globale spredning af know how p omr det   *The Export Administration Act* James V. Weston,2005 The book provides the statutory authority for export controls on sensitive dual use goods and technologies items that have both civilian and military applications including those items that can contribute to the proliferation of nuclear biological and chemical weaponry This new book examines the evolution provisions debate controversy prospects and reauthorisation of the EAA   *High-performance Computing, National Security Applications, and Export Control Policy at the Close of the 20th Century* Seymour E. Goodman,Peter Wolcott,Patrick Homer,1998   Report of the Select Committee on U.S. National Security and Military/Commercial Concerns with the People's Republic of China United States. Congress. House. Select Committee on U.S. National Security and Military/Commercial Concerns with the People's Republic of China,1999 Transmittal letter   **National Security Implications of Export Controls** United States.

Congress. Senate. Committee on Armed Services,2001 Trading with the Enemy Hugo Meijer,2016-02-02 In light of the intertwining logics of military competition and economic interdependence at play in US China relations Trading with the Enemy examines how the United States has balanced its potentially conflicting national security and economic interests in its relationship with the People s Republic of China PRC To do so Hugo Meijer investigates a strategically sensitive yet under explored facet of US China relations the making of American export control policy on military related technology transfers to China since 1979 Trading with the Enemy is the first monograph on this dimension of the US China relationship in the post Cold War Based on 199 interviews declassified documents and diplomatic cables leaked by Wikileaks two major findings emerge from this book First the US is no longer able to apply a strategy of military technology containment of China in the same way it did with the Soviet Union during the Cold War This is because of the erosion of its capacity to restrict the transfer of military related technology to the PRC Secondly a growing number of actors in Washington have reassessed the nexus between national security and economic interests at stake in the US China relationship by moving beyond the Cold War trade off between the two in order to maintain American military preeminence vis vis its strategic rivals By focusing on how states manage the heterogeneous and potentially competing security and economic interests at stake in a bilateral relationship this book seeks to shed light on the evolving character of interstate rivalry in a globalized economy where rivals in the military realm are also economically interdependent **Principles of Integrated Airborne Avionics** Igor Victorovich Avtin,Vladimir Ivanovich Baburov,Boris Victorovich Ponomarenko,Yuri Grigorievich Shatrakov,2021-06-11 This book discusses the principles approaches concepts and development programs for integrated aircraft avionics The functional tasks of integrated on board radio electronic equipment avionics of navigation landing data exchange and air traffic control are formulated that meet the modern requirements of civil and military aviation and the principles of avionics integration are proposed The modern approaches to the joint processing of information in navigation and landing complexes are analyzed Algorithms of multichannel information processing in integrated avionics are considered and examples of its implementation are presented This book is intended for scientists and professionals in the field of aviation equipment students and graduate students of relevant specialties U.S. National Security and Military/commercial Concerns with the People's Republic of China United States. Congress. House. Select Committee on U.S. National Security and Military/Commercial Concerns with the People's Republic of China,1999 Knowledge Regulation and National Security in Postwar America Mario Daniels,John Krige,2022-04-25 The first historical study of export control regulations as a tool for the sharing and withholding of knowledge In this groundbreaking book Mario Daniels and John Krige set out to show the enormous political relevance that export control regulations have had for American debates about national security foreign policy and trade policy since 1945 Indeed they argue that from the 1940s to today the issue of how to control the transnational movement of information has been central to the thinking and actions of the guardians of the American national security state The expansion of control

over knowledge and know how is apparent from the increasingly systematic inclusion of universities and research institutions into a system that in the 1950s and 1960s mainly targeted business activities As this book vividly reveals classification was not the only and not even the most important regulatory instrument that came into being in the postwar era   Ethics and Computing Kevin W. Bowyer,2000-10-26 All you have to do is watch the news or be warned not to open your email today to recognize the necessity for this revised and enhanced edition of this critical work first published in 1995 We are inundated daily with intellectual property issues and warnings against computer viruses and hackers Government and law enforcement agency involvement in the security of our computer systems leaves us vulnerable to abuse of privacy and raises the specter of Big Brother Also many critical systems controlled by computers such as nuclear power facilities and missile defense systems are often designed and tested with an over reliance on computer modeling which can cause failure injury or loss of life Ethics and Computing Second Edition promotes awareness of these and other major issues and accepted procedures and policies in the area of ethics and computing using real world companies incidents products and people An entire chapter is dedicated to detailed analysis of the major ethical codes relevant to computing professionals The Association of Information Technology Professionals AITP code of ethics IEEE Institute of Electrical and Electronics Engineers code of ethics the Association of Computing Machinery codes of ethics and the ACM IEEE Software Engineering code of ethics Ethics and Computing Second Edition is ideally suited for topical undergraduate courses with chapters and assignments designed to encourage critical thinking and informed ethical decisions Furthermore this invaluable book will keep abreast computer science computer engineering and information systems professionals and their colleagues of current ethical issues and responsibilities

Export controls system for controlling exports of high performance computing is ineffective : report to the chairman, Committee on Armed Services, U.S. Senate , **American Book Publishing Record** *,1996*

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