

1. Record Nr.	UNINA9910455766603321
Titolo	Scientific communication and national security [[electronic resource]] : a report // prepared by the Panel on Scientific Communication and National Security, Committee on Science, Engineering, and Public Policy, National Academy of Sciences, National Academy of Engineering, Institute of Medicine
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1982
ISBN	1-280-12357-5 9786613527431 0-309-59398-0
Descrizione fisica	1 online resource (205 p.)
Disciplina	353.0085/5
Soggetti	Communication in science National security Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Fifth printing, January 1984.
Nota di bibliografia	Includes bibliographical references (p. 78-89).
Nota di contenuto	""BOOK-TITLE""; ""COPYRIGHT""; ""SPONSORS""; ""PREFACE""; ""CONTENTS""; ""EXECUTIVE SUMMARY""; ""UNWANTED TRANSFER OF U. S. TECHNOLOGY""; ""UNIVERSITIES AND SCIENTIFIC COMMUNICATION""; ""THE CURRENT CONTROL SYSTEM""; ""COSTS AND BENEFITS OF CONTROLS""; ""PRINCIPAL FINDINGS AND RECOMMENDATIONS""; ""Control of University Research Activities""; ""Unrestricted Areas of Research""; ""Classification""; ""Gray Areas""; ""The Export of Domestically Available Technical Data Under ITAR and EAR Regulations""; ""The Use of Voluntary Controls""; ""The Militarily Critical Technologies List"" ""Technology Transfer to the Third World""""INTRODUCTION""; ""1 CURRENT KNOWLEDGE ABOUT UNWANTED TECHNOLOGY TRANSFER AND ITS MILITARY SIGNIFICANCE""; """"; ""THE QUALITY OF THE EVIDENCE""; ""POTENTIAL CHANNELS AND TYPES OF TECHNOLOGY TRANSFER""; ""THE OVERALL PROBLEM""; ""THE ROLE OF THE RESEARCH COMMUNITY""; ""THE SOVIET ACQUISITION EFFORT""; ""THE OVERALL

PROBLEM"; "THE ROLE OF THE RESEARCH COMMUNITY"; "EVIDENCE OF THE EXTENT OF UNWANTED TRANSFER"; "THE OVERALL PROBLEM"; "THE ROLE OF THE RESEARCH COMMUNITY"; "EVIDENCE OF THE SOVIET ABSORPTION CAPACITY"
"EVIDENCE OF THE MILITARY SIGNIFICANCE OF TECHNOLOGY LOSSES"; "THE OVERALL PROBLEM"; "THE ROLE OF THE RESEARCH COMMUNITY"; "PROJECTIONS FOR CHANGE"; "2 UNIVERSITIES AND SCIENTIFIC COMMUNICATION"; "UNIVERSITY RESEARCH AND TEACHING"; "SCIENTIFIC COMMUNICATION"; "BILATERAL INTERGOVERNMENTAL AGREEMENTS"; "NATIONAL ACADEMY OF SCIENCES EXCHANGE PROGRAMS"; "INTERNATIONAL RESEARCH AND EXCHANGE BOARD PROGRAM"; "3 THE CURRENT CONTROL SYSTEM"; "CLASSIFICATION OF INFORMATION"; "EXPORT CONTROLS"; "EAA AND EAR"; "ARMS EXPORT CONTROL ACT AND ITAR"
"LIMITATIONS OF EXPORT CONTROL AUTHORITY"; "CONTRACTUAL RESTRICTIONS"; "VOLUNTARY RESTRICTIONS"; "CONTROLS ON FOREIGN VISITORS"; "VISA CONTROLS"; "EXCHANGE PROGRAMS"; "4 GENERAL CONCLUSIONS: BALANCING THE COSTS AND BENEFITS OF CONTROLS"; "PREVENTING SOVIET MILITARY ADVANCES BASED ON U. S. RESEARCH"; "THE RELATION TO CONTROLS"; "THE PANEL'S ASSESSMENT"; "Leakage and the Research Community"; "FOSTERING U.S. MILITARY AND ECONOMIC STRENGTH"; "THE RELATION TO CONTROLS"; "THE PANEL'S ASSESSMENT"; "Openness and Military Strength"; "Openness and Economic Strength"
"Security by Accomplishment"; "PROTECTING EDUCATIONAL AND CULTURAL VALUES"; "THE RELATION TO CONTROLS"; "THE PANEL'S ASSESSMENT"; "THE FEASIBILITY OF CONTROLS"; "BALANCING COMPETING OBJECTIVES: THE PANEL'S JUDGMENT"; "PRINCIPLES FOR UNIVERSITY RESEARCH"; "GUIDELINES FOR CLASSIFIED AND GRAY-AREA RESEARCH"; "5 IMPROVING THE CURRENT SYSTEM"; "THE WORKABILITY OF THE CURRENT SYSTEM CAN BE IMPROVED"; "EXPORT CONTROLS AND DOMESTICALLY AVAILABLE INFORMATION"; "PRIORITIES WITHIN THE EXPORT CONTROL SYSTEM"; "MILITARILY CRITICAL TECHNOLOGIES LIST"; "VOLUNTARY CONTROLS"
"STAFFING DEFICIENCIES"
