

SPACE WEAPONS

DETERRENCE OR DELUSION?



Rip Bulkeley & Graham Spinardi

Space Weapons Deterrence Or Delusion

Margaret Blunden, Owen Greene



Space Weapons Deterrence Or Delusion:

Space Weapons Rip Bulkeley, Graham Spinardi, 1986-01-01 A clear and lively account of the space weapons issue The authors examine all aspects of the Strategic Defense Initiative proposal its historical background current and forthcoming technologies and international political implications The book is divided into three main sections The first part describes the historical development of space weapons technology from the 1920s to the present day The second part provides a detailed technical assessment of the anti missile systems being pursued as part of the Strategic Defense Initiative It also considers the countermeasures to SDI that are currently in existence or are being developed by the United States and the Soviet Union The third part examines the international political and strategic implications of SDI and their probable consequences for arms control policies

The Militarization and Weaponization of Space Matthew Mowthorpe, 2004-01-01 The militarization of space began as a rivalry between the United States and the Soviet Union and grew to enormous proportions during the height of the Cold War Satellite reconnaissance navigation and weapons guidance and electronic intelligence comprise only a few of the efforts taken to militarize and dominate space Today as the prominence of information technology computing and telecommunications advances so does the concept of space as a battlefield In *The Militarization and Weaponization of Space* Matthew Mowthorpe diligently analyzes the military space policies of the United States the Soviet Union Russia and the People s Republic of China from the Cold War period to the present day Mowthorpe focuses on the development of the ballistic missile defense and other anti satellite systems and aptly assesses to what degree space will become armed This work cogently addresses an issue of increasing urgency to scholars of international politics

US Presidents and the Militarization of Space, 1946-1967 Sean N. Kalic, 2012-05-02 In the clash of ideologies represented by the Cold War even the heavens were not immune to militarization Satellites and space programs became critical elements among the national security objectives of both the United States and the Soviet Union According to *US Presidents and the Militarization of Space 1946-1967* three American presidents in succession shared a fundamental objective of preserving space as a weapons free frontier for the benefit of all humanity Between 1953 and 1967 Presidents Eisenhower Kennedy and Johnson all saw nonaggressive military satellite development as well as the civilian space program as means to favorably shape the international community s opinion of the scientific technological and military capabilities of the United States Sean N Kalic s reinterpretation of the development of US space policy based on documents declassified in the past decade demonstrates that a single vision for the appropriate uses of space characterized American strategies across parties and administrations during this period Significantly Kalic s findings contradict the popular opinion that the United States sought to weaponize space and calls into question the traditional interpretation of the space race as a simple action reaction paradigm Indeed beyond serving as a symbol and ambassador of US technological capability its satellite program provided the United States with advanced nonaggressive military intelligence gathering platforms that proved critical in assessing the strategic nuclear

balance between the United States and the Soviet Union It also aided the three administrations in countering the Soviet Union s increasing international prestige after its series of space firsts beginning with the launch of Sputnik in 1957 On the Edge of Earth Steven Lambakis,2014-04-23 Interesting and provocative Recommended for anyone interested in space policy and national security affairs Choice The United States has long exploited Earth s orbits to enhance security generate wealth and solidify its position as a world leader America s ambivalence toward military activities in space however has the potential to undermine our future security Some perceive space as a place to defend and fight for America s vital interests Others whose voices are frequently dominant and manifested in public rhetoric funded defense programs international diplomacy and treaty commitments look upon space as a preserve not to be despoiled by earthly strife After forty years of discussion the debate over America s role in space rages on In light of the steady increase in international satellite activity for commercial and military purposes America s vacillation on this issue could begin to pose a real threat to our national security Steven Lambakis argues that this policy dysfunction will eventually manifest itself in diminished international political leverage the forfeiture of technological advances and the squandering of valuable financial resources Lambakis reviews key political military and business developments in space over the past four decades Emphasizing that we should not take our unobstructed and unlimited access to space for granted he identifies potential space threats and policy flaws and proposes steps to meet national security demands for the twenty first century Provides a wealth of details on a wide range of factors that contribute to space power Air Space Power Journal Will trigger public debate generate controversy and add creatively to the policy debate John D Stempel author of Common Sense and Foreign Policy **War in Space** Bowen Bleddyn E. Bowen,2020-06-18 Applying strategic theory to outer space and drawing out the implications for international relationsOffers a definitive and original vision of space warfare that theorises often overlooked aspects of contemporary space activities based in the discipline of Strategic Studies This original research draws out the implications of spacepower for wider debate in grand strategy and IR Applies the theory in a topical and contentious area within contemporary grand strategy anti access and area denial warfare in the Taiwan Strait between China and America Key principles are summarised in seven propositions to make the key take aways of theory applicable and memorable for researchers and practitioners This book presents a theory of spacepower and considers the implications of space technology on strategy and international relations The spectre of space warfare stalks the major powers as outer space increasingly defines geopolitical and military competition As satellites have become essential for modern warfare strategists are asking whether the next major war will begin or be decided in outer space Only strategic theory can explore the decisiveness and effects of war in space upon grand strategy and international relations The author applies the wisdom of military strategy to outer space and presents a compelling new vision of Earth orbit as a coastline rather than an open ocean or an extension of airspace as many have assumed Rooted in the classical military works of Clausewitz Mahan and Castex to name a few this book presents

comprehensive principles for strategic thought about space that explain the pervasive and inescapable influence of spacepower on strategy and the changing military balance of the 21st century

Military Technology, Armaments Dynamics and Disarmament Hans Günter Brauch,1989 This book offers theoretical analysis on the context and on the dual function of military technology as well as case studies on the third generation of nuclear weapons on the Biological Weapons Convention Review Conference on the driving forces of chemical armament and on the military use of nuclear energy as a possible propellant for bombers and in outer space

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Science and Mythology in the Making of Defence Policy Margaret Blunden,Owen Greene,1989 Nine contributions analyze defence decision making in theory and the effects of the state of technology and political priorities Annotation copyrighted by Book News Inc Portland OR

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Table of Contents Space Weapons Deterrence Or Delusion

1. Understanding the eBook Space Weapons Deterrence Or Delusion
 - The Rise of Digital Reading Space Weapons Deterrence Or Delusion
 - Advantages of eBooks Over Traditional Books
2. Identifying Space Weapons Deterrence Or Delusion
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Space Weapons Deterrence Or Delusion
 - User-Friendly Interface
4. Exploring eBook Recommendations from Space Weapons Deterrence Or Delusion
 - Personalized Recommendations
 - Space Weapons Deterrence Or Delusion User Reviews and Ratings
 - Space Weapons Deterrence Or Delusion and Bestseller Lists
5. Accessing Space Weapons Deterrence Or Delusion Free and Paid eBooks
 - Space Weapons Deterrence Or Delusion Public Domain eBooks
 - Space Weapons Deterrence Or Delusion eBook Subscription Services
 - Space Weapons Deterrence Or Delusion Budget-Friendly Options

6. Navigating Space Weapons Deterrence Or Delusion eBook Formats
 - ePub, PDF, MOBI, and More
 - Space Weapons Deterrence Or Delusion Compatibility with Devices
 - Space Weapons Deterrence Or Delusion Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Space Weapons Deterrence Or Delusion
 - Highlighting and Note-Taking Space Weapons Deterrence Or Delusion
 - Interactive Elements Space Weapons Deterrence Or Delusion
8. Staying Engaged with Space Weapons Deterrence Or Delusion
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Space Weapons Deterrence Or Delusion
9. Balancing eBooks and Physical Books Space Weapons Deterrence Or Delusion
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Space Weapons Deterrence Or Delusion
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Space Weapons Deterrence Or Delusion
 - Setting Reading Goals Space Weapons Deterrence Or Delusion
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Space Weapons Deterrence Or Delusion
 - Fact-Checking eBook Content of Space Weapons Deterrence Or Delusion
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements

- Interactive and Gamified eBooks

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