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STRATEGIC DEFENSE INITIATIVE: SELECTED REFERENCES, 1986-1988

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ABSTRACT

The Strategic Defense Initiative has become one of the most controversial American defense programs in both domestic and foreign policy. This bibliography of selected books and articles assesses the technical feasibility of the SDI, its role in the U.S. nuclear strategy, surveys its implications for the NATO alliance, considers its impact on the U.S.-Soviet relations and strategic stability, and analyzes the compatibility of strategic defense with the ABM Treaty.

STRATEGIC DEFENSE INITIATIVE: SELECTED REFERENCES, 1986-1988

Abrahamson, James A.

The Strategic Defense Initiative and its relationship to deterrence.
Defense/87, Jan.-Feb. 1987: 20-28.

LRS87-1221

Director of the Strategic Defense Initiative Organization in the Defense Department discusses "the area where strategic defense can make its largest contribution, namely the control of escalation and, in the process, prevention of nuclear war."

Adragna, Steven P.

On guard for victory: military doctrine and ballistic missile defense in the USSR. Washington, Institute for Foreign Policy Analysis, 1987. 93 p.

LRS87-10959

Contents.--Framework for analysis.--American strategic nuclear policy: deterrence vs. defense?--Soviet military doctrine and strategy.--Pillars of military doctrine and strategy.--Ballistic missile defense: a Soviet political-military imperative.--Military doctrine, ideology, and arms control.--The Soviet ballistic missile defense program: an action-reaction phenomenon?--The Soviet campaign against the Strategic Defense Initiative.--SDI and the Soviet military.--Denials of a "Soviet SDI": separating myth from reality.--Into the future: Soviet policy options.--Soviet military doctrine: what does it portend?

The American strategic defence initiative: implications for West European security: report on a workshop, The Hague, 26/27 April 1985 /papers

presented by Graeme P. Auton ... et al.. The Hague, Netherlands Institute of International Relations "Clingendael", 1986. 308 p. UG743.A44x 1986

Contents.--The strategic defense initiative, by G. C. Berkhof.--The Soviet view of the strategic defence initiative and of ballistic missile defense, by P. H. Vigor.--Ballistic missile defence and strategic stability, by Ian Bellany.--Soviet ballistic missile defense and European security, by David S. Yost.--Strategic defenses and stability, by Dean Wilkening.--Ballistic missile defence and NATO doctrine, by Graeme P. Auton.--The strategic defense initiative and European security, by Gambiez.--The American strategic defense initiative and West European security, by G. C. Berkhof.--Western European security and the strategic defense initiative, by Philip Williams.--Outer space, the strategic defense initiative and arms control, by Wolfgang Mallmann.

Anti-missile and anti-satellite technologies and programs, SDI and ASAT. Park Ridge, N.J., U.S.A, Noyes Publications, c1986. 270 p. UG743 .A58 1986

Aspen Institute for Humanistic Studies. Aspen Strategy Group.

The Strategic Defense Initiative and American security; an Aspen Strategy Group report. Lanham, Md., University Press of America, 1986. 66 p.

LRS86-13451

Partial contents.--The policy context of the SDI program.--The SDI technology program.--SDI and America's interests abroad.--SDI and arms control.

Biddle, Wayne.

Star Wars: the dream diminished. Discover, v. 8, July 1987: 26-30, 32-35, 38. LRS87-4543

Reports on the plausibility of an early deployment of the Strategic Defense Initiative. Scientists and politicians most informed about SDI know that "death rays in space will be science fiction for a long, long time."

Blechman, Barry M. Utgoff, Victor A.

The macroeconomics of strategic defenses. International security, v. 11, winter 1986-87: 33-70. LRS86-14327

"In the extensive and sometimes heated debate that has followed the President's speech of March 1983 . . . relatively little attention has been paid to either the cost of a strategic defense system or to the economic implications of such a decision. This study is intended to initiate a process of continually improving assessments of the potential costs of strategic defenses."

Bluth, Christoph.

SDI: the challenge to West Germany. International affairs, v. 62, spring 1986: 247-264. LRS86-10769

"At the December 1985 hearing of SDI experts before the foreign and defence policy committee of the Bundestag, a large majority of the experts were extremely sceptical about SDI and German participation in research. Although the hearing had no influence on the subsequent government decision, it does seem to mark a widening and intensification of the debate in Germany on all aspects of SDI."

Bowman, Robert.

Star Wars: a defense insider's case against the Strategic Defense Initiative. 1st ed. Los Angeles, Tarcher New York, Distributed by St. Martin's Press, c1986. 180 p. UG743.B69 1986

Brooks, Charles D.

S.D.I.: a new dimension for Israel. Journal of social, political and economic studies, v. 11, winter 1986: 341-348. LRS86-13167

"In March of 1983, President Reagan announced his plan for the Strategic Defense Initiative. The President offered U.S. allies the opportunity to participate in the SDI endeavor. In Israel, the U.S. invitation to participate in SDI was met with great interest."

Brown, Harold.

Is SDI technically feasible? Foreign affairs, v. 64, no. 3, 1986: 435-454. LRS86-1204

"This article will assess the prospects for the various defensive technologies for both the near term (10 to 15 years) and the longer term. It will include recommendations on how to proceed with a realistic research and development program. It will also make tentative judgments on the technical feasibility of various SDI objectives, though definitive answers are not yet possible."

Browne, Malcolm W.

The Star Wars spinoff. New York times magazine, Aug. 24, 1986: 19-20, 22, 24, 26, 66-67, 69, 73. LRS86-7693

Spinoffs from SDI may find their way into a variety of civilian fields, but critics of SDI "point out that the technological side benefits of Star Wars research could be had much more cheaply and efficiently if they were pursued directly rather than as the unintended offshoots of an extravagant military spending program."

Chalfont, Arthur Gwynne Jones, Baron.

SDI in context. United States Naval Institute proceedings, v. 112, Apr. 1986: 70, 72-76. LRS86-1790

"The semi-hysterical, topsy-turvy rhetoric that has greeted the unveiling of the Strategic Defense Initiative cannot obscure the fact that space is already part of our strategic thinking--and will inevitably continue to remain so."

Charlton, Michael.

From deterrence to defence: the inside story of strategic policy. Cambridge, Mass., Harvard University Press, 1987. 154 p. UA23.C516 1987

"Star Wars" or peace-in-the-skies: a short history of dreams & nightmares. Encounter, v. 66, Feb. 1986: 12-29; Mar.: 13-27. LRS86-14326

"Is President Reagan's vision that the ballistic missile might be made 'impotent' and 'obsolete' evidence only of the longing to escape from an intolerable yet permanent military dilemma? In the 1960s the Americans took the view that defence should be all but abandoned My purpose in these articles is to review the intervening years Why, now, do the Americans believe the time has come to reconsider the stand they took nearly two decades ago, and to pursue an alternative to 'mutual assured destruction'?"

Codevilla, Angelo M.

How eminent physicists have lent their names to a politicized report on strategic defense. Commentary, v. 84, Sept. 1987: 21-26. LRS87-6545

"The report consists of a network of assumptions overlaid upon scientific filler materials Because these assumptions are either erroneous or arbitrarily tendentious, or both, the report as a whole offers a particularly striking illustration of the principle of garbage in, garbage out."

How SDI is being undone from within. Commentary, v. 81, May 1986: 21-29.

LRS86-3658

The author examines "how and why the U.S. government over the years has spurned the means at hand to develop antimissile defenses in favor of utopian arms-control initiatives."

Strategic defenses now. Global affairs, v. 1, summer 1986: 17-33.

LRS86-12101

"The Soviet Union now possesses enough intercontinental ballistic missiles (ICBMs) . . . and warhead yields to eliminate the vast majority of our own forces in a preemptive attack. By doing so, the Soviet Union could well prevent a militarily meaningful retaliation by the United States Since the Soviets have the missiles for such a strike, and will not give them up, we have no choice but to prepare to make sure that, if they ever launch them, we will be able to destroy them in flight."

Cohen, Samuel.

The Strategic Defense Initiative: a shield, not a sword. Washington, Heritage Foundation, 1988. 8 p. (Backgrounder no. 628)

LRS88-286

"More recently, the Soviets have claimed that the purpose of SDI is to build a shield behind which the U.S. might launch a first strike on the Soviet Union. Although this is part of the Soviet propaganda campaign against SDI, some U.S. opponents of SDI echo similar views. These arguments are without merit. SDI is a defensive shield, not an offensive sword."

Cooper, Jeffrey. Pena, Charles. Bue, Kara.

How defenses work and the implications for strategic defense architectures. Arlington, Va., SRS Technologies, 1987. 23 p. (SRS technical note TN-MA-87-001A)

LRS87-11063

Contents.--Introduction.--How defenses work.--Boost/post-boost defense.--Midcourse defense.--Terminal defenses.--How defenses work.--Mission requirement for defense.--Implications for strategic defense architectures.

Cordesman, Anthony H.

SDI and Europe: where does theatre defense fit in? International defense review, v. 20, no. 4, 1987: 409-414.

LRS87-2622

"Provides an overview of the 'theatre' implications of SDI. Looking at both the US and European points of view, he argues that SDI and theatre defense are inseparable and must be developed on a co-operative basis."

Crawford, Robert J. Hildreth, Steven A.

Congress and the Strategic Defense Initiative: a detailed overview of legislative action, 1984-1987. Aug. 25, 1987. 43 p. Washington, Congressional Research Service, 1987.

87-749 F

The Strategic Defense Initiative (SDI) is an advanced research and technology development program whose stated purpose is to examine the feasibility of developing effective and survivable defenses against ballistic missile attack. SDI is highly controversial in Congress and elsewhere because it raises many fundamental questions about national security, nuclear deterrence, arms control, and U.S.-allied and U.S.-Soviet relations. This report summarizes congressional action on the Strategic Defense Initiative (SDI) since 1984, when the Reagan Administration made its first request for SDI funding. It is intended to provide Members and Committees with a comprehensive and comparative overview of legislation affecting the SDI program, as well as other action taken by Committees or one House that did not become law.

Daalder, Ivo H.

The SDI challenge to Europe. Foreword by Stanley Hoffmann. Cambridge, Mass., Ballinger, c1987. 185 p.

UG743.D33 1987

Davis, William A., Jr.

Asymmetries in U.S. and Soviet strategic defense programs: implications for near-term American deployment options; special report. Washington, Pergamon-Brassey's International Defense Pub., 1986. 76 p. LRS86-12395

Study "presents an overview of the contention between various approaches to deterrence, and examines the emergence of the assured destruction concept as the philosophical underpinning of U.S. nuclear thought. The author then explores the impact of this development on U.S. arms control policies and on domestic BMD Ballistic Missile Defense research and development. He concludes by arguing that the current focus of SDI research must be modified, so as to place greater emphasis on the development of near-term, rapidly deployable options for the defense of American strategic assets."

Davydov, V.

"Star Wars" against a nuclear-free world. Current news, no. 1548, Feb. 24, 1987: 1-4; no. 1571, Apr. 21: 37-41. LRS87-11060

The author, a Soviet military analyst lays down a well-documented and logical argument against SDI. Translation from the Russian.

Deschamps, Louis.

The SDI and European security interests. Paris, Atlantic Institute for International Affairs, 1986, i.e. 1987. 64 p. (Atlantic paper no. 62)

LRS86-11083

Contents.--Defense in the nuclear age.--Defense or deterrence: the limits of Western consensus.--The Euro-American debate on the SDI.--European concerns and American responses.--The political consequences of the debate.

Diaz, Tom.

Strategic Defense Initiative. Washington times, Feb. 10, 1986: 1A, 5A; Feb. 11: 1A, 6A; Feb. 12: 1A, 8A; Feb. 13, 1A, 16A; Feb. 14: 1A, 16A. LRS86-602

Contents.--Soviets lead in laser beam weapons for space shield.--Soviet space age weaponry is central to U.S. research.--The accidental launch: atomic age nightmare.--Building of a 'star wars' system poses high drama for scientists.--If nothing else, 'star wars' got Soviets to resume talks.

DiMaggio, Cosmo.

Potential offensive capabilities of SDI space weapons. Oct. 7, 1987.

Washington, Congressional Research Service, 1987. 14 p. 87-807 SPR

The Strategic Defense Initiative (SDI) is designed to investigate the feasibility of defending the United States and its allies against nuclear ballistic missiles. The research program includes weapon concepts to destroy attacking ballistic missiles and nuclear warheads from space. Questions have been raised over the potential for offensive use of SDI space weapon technologies that prove feasible.

Din, Allan M.

The strategic implications of directed-energy technologies. Defense analysis, v. 3, Mar. 1987: 35-50. LRS87-3136

Addresses the problem raised by SDI and its future strategic and political implications, arguing that such projections cannot be adequately made without a clear and careful study of technologies involved.

Empty promise: the growing case against Star Wars. The Union of Concerned Scientists. Edited by John Tirman. Boston, Beacon Press, c1986. 238 p.

UG743.E46 1986

Ennals, J. R.

Star wars: a question of initiative. Chichester [West Sussex] New York, J. Wiley, c1986. 236 p. UG743.E56 1986b

Fenske, John.

France and the Strategic Defence Initiative: speeding up or putting on the brakes? International affairs (London), v. 62, spring 1986: 231-246.

LRS86-11813

"The official French answer has been 'No' to the request for political support as well as to the offer of cooperation. But there are also political and industrial voices in France saying 'Yes'. Moreover, all France is agreed that the SDI is a challenge to French and European claims to be able to run in the same technological race as the superpowers in the coming decades."

Field, George. Spergel, David.

Cost of space-based laser ballistic missile defense. Science, v. 231, Mar. 21, 1986: 1387-1393.

LRS86-1667

The authors "estimate the cost of maintaining the effectiveness of a BMD system relative to that of proliferating the additional missiles necessary to overcome it."

FitzGerald, Mary C.

The Soviet military on SDI. Studies in comparative communism, v. 19, autumn-winter 1986: 177-191.

LRS86-13110

"Soviet writings since Reagan's so-called 'Star Wars' speech has yielded both objective Soviet concerns and regressions to psychological warfare. . . . In general, the Soviet response to SDI is that its offensive aspects outweigh its proclaimed function as a defensive system."

Froman, Michael B. Gardner, Anthony L. Mixer, Scott R.

France and SDI. Naval War College review, v. 30, spring 1987: 37-43.

LRS87-9192

"Critics who argue that the Strategic Defense Initiative (SDI) will divide the Atlantic alliance, frequently cite the French Government's opposition as evidence. The French view of SDI, however, is neither simple nor monolithic. While President Francois Mitterrand has been consistently critical of SDI, Prime Minister Jacques Chirac is far more supportive, at least rhetorically. Key members of the defense establishment, both in government and in the private sector, moreover, favor a national antimissile system to defend France's military installations."

Garthoff, Raymond L.

Refocusing the SDI debate. Bulletin of the atomic scientists, v. 43, Sept. 1987: 44-50.

LRS87-10727

The author presents an alternative course of action that might be accepted to both the U.S. and the Soviet Union while both countries resolve the national security dilemma and decide on the future role of ballistic missile defense (BMD).

Garwin, Richard L.

An SDI defense: a Maginot line in space. Center magazine, v. 20, Nov.-Dec. 1987: 45-53.

LRS87-9882

In this article and the dialog which follows, former Presidential advisor examines the SDI system and its effectiveness.

Gellner, Charles R.

The new interpretation of the ABM Treaty--salient issues. Feb. 10, 1987.
Washington, Congressional Research Service, 1987. 27 p. 87-164 S

The Reagan Administration is currently considering whether to adopt a new interpretation of the Anti-Ballistic Missile (ABM) Treaty concluded by the United States and the Soviet Union in 1972. The new interpretation would legally permit the Administration, according to its contention, to carry out testing and development of certain technological projects vital to the Strategic Defense Initiative (SDI), a program to determine whether a nationwide defense system for the United States can be developed and deployed.

Gentles, R. G.

Keeping an open mind on the implications of strategic defence. Canadian defence quarterly, v. 16, autumn 1986: 8, 11-14, 16. LRS86-10413

"The uncertain implications surrounding the outcome of the SDI research programme has made it very difficult for allied Governments The difficulty is to decide the basis on which a decision should be taken: Should it be based on an assessment of likely technological developments? From a moral point of view?" The author presents quantitative and qualitative assessments from which some general conclusions can be drawn.

Gerasimov, Gennadii.

SDI (Strategic defense initiative), stellar delusions: the U.S. threat of space militarization. Moskva, Novosti Press Agency Pub. House, 1986. 70 p.
UG743.G47 1986

Glaser, Bonne S. Garrett, Banning N.

Chinese perspectives on the Strategic Defense Initiative. Problems of communism, v. 35, Mar./Apr. 1986: 28-44. LRS86-3586

"The Chinese leadership began to focus on the Strategic Defense Initiative of the United States sometime in late 1984 or early 1985. Beijing instructed various ministries and research organizations to examine SDI and its implications for China. Leading analysts at foreign policy institutes and defense, science, and technology organizations held conferences and wrote position papers on this important topic. What has emerged from these efforts is a picture of informed and diverse opinion with as wide a range of views on SDI as is found in the West."

Godson, Dean.

SDI: has America told her story to the world? Washington, Institute for Foreign Policy Analysis, 1987. 73 p. LRS87-10958

Contents.--Overview of European opinion on SDI.--U.S. public diplomacy, at home and abroad.--A prospective public diplomacy strategy for SDI in Europe.

Goldman, Andrew.

The ABM-SDI debate: the White House wins all draws. National interest, no. 3, spring 1986: 66-75. LRS86-5514

Explores the problems, legal or theoretical, that the SDI would seem to pose to the ABM Treaty, and if the treaty, as it stands today, permits development testing and deployment of certain ABM systems.

Goldman, Nathan C.

The Strategic Defense Initiative: Star Wars and star laws. Houston journal of international law, v. 9, autumn 1986: 111-131. LRS86-12849

"This paper analyzes the legal implications of the multilayered defense against nuclear weapons proposed by SDI. The analysis suggests that present SDI endeavors are mostly compatible with treaty obligations, although ultimate deployment of the system would violate many provisions."

Graham, Daniel O.

Space: high frontier of security and free enterprise. Lincoln review, v. 6, spring 1986: 9-24. LRS86-8621

Blacks and SDI, an introduction by Roy Innis.

Graham, Thomas W. Kramer, Bernard M.

The polls: ABM and Star Wars: attitudes toward nuclear defense, 1945-1985.

Public opinion quarterly, v. 50, 1986: 125-134. LRS86-3185

"Despite changes in the US-Soviet nuclear balance, several attitudes toward active defenses against nuclear weapons have been remarkably stable."

Gromoll, Robert H.

SDI and the dynamics of strategic uncertainty. Political science quarterly, v. 102, fall 1987: 481-500. LRS87-8355

The author "considers the likely impact of enhanced strategic uncertainty under ballistic missile defenses contemplated in SDI. He contends such defenses would multiply conceivable U.S.-Soviet strategic relationships, creating some possibilities for greater stability, but even more possibilities for instability."

Guide to the Strategic Defense Initiative. Edited by Richard H. Bueneke, Jr. Arlington, Va., Pasha Pub., c1986. 380, 60 p. LRS86-13081

Contents.--SDI in 1986: technology versus policy--an analysis.--Launching the SDI program.--Surveillance, acquisition, and tracking.--Directed energy weapons.--Kinetic energy weapons.--Systems analyses and battle management.--Survivability, lethality, and key technologies.--Related programs.

Hadley, Stephen J.

Thinking about SDI. Washington, Foreign Policy Institute, School of Advanced International Studies, Johns Hopkins University, 1986. 30 p.

(FPI policy briefs) LRS86-14322

Contents.--The nature of SDI.--Guidance for near-term decisions.--SDI and arms control.

Hamm, Manfred R.

Strategic defense and the West German social democrats. Strategic review, v. 14, spring 1986: 16-26. LRS86-3584

"Although the U.S. Strategic Defense Initiative has gained formal approval from the Bonn Government, the SDI issue continues to be enmeshed in the politics of the coalition under Chancellor Kohl. It has also become a prime target-of-opportunity for the opposition Social Democratic Party, which has sought to rally the other European socialist parties against the Initiative."

Hamm, Manfred R. Weinrod, W. Bruce.

The transatlantic politics of strategic defense. *Orbis*, v. 29, winter 1986: 709-734. LRS86-3522

Surveys European attitudes toward SDI and the impact of this new strategy on the NATO alliance. Concludes that "by providing a more solid foundation for allied security, SDI can strengthen NATO while it could also have a highly divisive effect on allied relations Whether the Alliance will survive these challenges may depend less on SDI's objective opportunities than on the way the allies cope with its multiple ramifications."

Herres, Robert T.

The military use of space: the Soviet space program. *Vital speeches of the day*, v. 53, Nov. 15, 1986: 74-77. LRS86-14369

"Taken together, already operational and future Soviet space capabilities are a cause for genuine concern If, on the other hand, we continue to compete, we must accept that military capabilities must be met with military capabilities. Nothing would be more dangerous or de-stabilizing than a situation in which the Soviets perceived a clear military advantage over us in any regime--land, sea, air or space. We must struggle not for superiority, but to retain a balance", argues Commander in Chief, U.S. Space Command and North American Aerospace Defense Command.

Holmes, Kim R.

The case for deploying SDI in the 1990s. Washington, Heritage Foundation, 1987. 10 p. (Backgrounder no. 570) LRS87-1406

"The Reagan administration should capitalize on the rapid technological advances in its Strategic Defense Initiative (SDI) by deploying the new defense system in stages, as they become available," concludes the author.

U.S.-Soviet-China relations and strategic defense. Washington, Heritage Foundation, 1986. 19 p. (Heritage lectures, no. 76) LRS86-11868

Examines "how deployed strategic defenses by the world's superpowers could affect the global and regional strategic balances of power."

How to proceed with SDI. *National interest*, no. 7, spring 1987: 68-79.

LRS87-9046

"The Strategic Defense Initiative (SDI) has become one of the most controversial American defense programs of the postwar period Yet the future of the program is very uncertain. SDI faces growing opposition and hard budgetary choices Research on the strategic defense technologies is clearly in our national interest. How, then, should we manage the serious tensions that persist between SDI and our other policy objectives?"

Contents.--Realistic priorities, by William J. Perry and others.--Deploy now, by Jack Kemp.

Hunter, Robert E.

SDI: return to basics. *Washington quarterly*, v. 9, winter 1986: 155-167.

LRS86-8763

"As debate about SDI has developed during the past two and a half years and has become more intensely political, in both domestic and foreign terms, it is worth trying to create a basic benchmark of strategic analysis against which to measure particular proposals Strategic theory provides the critical test--whether Reagan's original idea . . . should be pursued, or whether SDI should simply be foresworn."

Jastrow, Robert. Frelk, James.

Emasculating America's deterrent: only SDI can avert disaster. Policy review, no. 41, summer 1987: 30-36. LRS87-10014

"Small, accurate nuclear weapons make it possible to carry out a surgical first strike--a surprise attack that decapitates the opponent's command structure and destroys the bulk of his forces Space-based defenses, even if their effectiveness is limited, have a toxic effect on first-strike planning."

Johnson, Thomas H.

Technologies of ballistic missile defence. In *The ABM Treaty: to Defend or not Defend*. Edited by Walther Stutzle, Bhyzendra Jasami and Regina Cowen. Oxford, New York, Oxford University Press, 1987. p. 91-102. LRS87-11423

"The first three sections of this paper will discuss certain US weapon systems and their capabilities for performing ballistic missile defence (BMD) functions. The remainder of the paper discusses relevant portions of the programme of the US Strategic Defense Initiative (SDI)."

Kassel, Simon.

Soviet research and development of directed-energy weapons. In *The ABM Treaty: to Defend or not Defend*. Edited by Walther Stutzle, Bhyzendra Jasami and Regina Cowen. Oxford, New York, Oxford University Press, 1987. p. 75-90. LRS87-11422

Contents.--Introduction.--The context of Soviet directed-energy development.--Pulsed-power technology.--Electron beams.--The electromagnetic energy beams.--Conclusions.

Kober, Stanley.

Strategic defense, deterrence, and arms control. *Washington quarterly*, v. 10, winter 1987: 123-135. LRS87-174

Discusses strategic defense in the context of deterrence and arms control, and its destabilizing effects on arms control and strategic stability.

Lawrence, Robert M.

Strategic Defense Initiative: bibliography and research guide. Boulder, Colo., Westview Press; London, Mansell, 1987. 352 p. UG743.L38 1987

"Published in cooperation with the Center for Space Law and Policy, University of Colorado at Boulder."

Loebs, Grant.

Strategic defense: how much will it really cost? *Washington, Heritage Foundation*, 1987. 9 p. (Backgrounder no. 607) LRS87-11020

"While it is unlikely that SDI will be as cheap as the \$40 billion claimed by some SDI backers, the price tag probably will be in the range of \$115 billion to \$120 billion spread out over ten years."

Lowenhard, Percy.

Star Wars: science or fiction? *International journal on world peace*, v. 3, July-Sept. 1986: 9-29. LRS86-11746

"The hope is to make nuclear weapons obsolete, thus promoting a nuclear disarmament The SDI programs means a change in investments from material-intensive to knowledge-intensive production It may enforce the conditions of the open society by technical means, where negotiations fall short, due to ideological prejudices." The article is followed by comments by Gordon L. Anderson, John T. Blackmore and rejoinders by the author.

Lucas, Michael.

SDI and Europe. World policy journal, v. 3, spring 1986: 219-249.

LRS86-2720

"The prospect that Europe can gradually be pulled into SDI raises critical but generally overlooked questions about the future of Europe itself SDI could in the years ahead push Europe onto the path of increasing militarization at the expense not only of East-West security but of transatlantic relations as well."

McNamara, Robert S.

Reducing the risk of nuclear war: is Star Wars the answer? Millennium, v. 15, summer 1986: 133-141.

LRS86-13973

"Each side must recognize that neither will permit the other to achieve a meaningful superiority--attempts to gain such an advantage are dangerous as well as futile. The forces pushing both sides in the direction of first strike postures, at least from the standpoint of the adversary, must be reversed", argues the author.

Mikheev, Dmitrii.

The Soviet perspective on the Strategic Defense Initiative. Washington, Pergamon-Brassey's International Defense Publishers, 1987. 95 p. (Foreign policy report)

UG743.M55 1987

Miner, Deborah Nutter. Rutan, Alan H.

What role for limited BMD? Survival, v. 29, Mar.-Apr. 1987: 118-136.

LRS87-1635

"Examines the technological capabilities of BMD, and outlines the threats . . . posed by the Soviet Union to the assured destruction capability of the United States. It then analyses limited BMD of inter-continental ballistic missiles (ICBM), Strategic Air Command (SAC) airfields, the National Command Authority (NCA), and command, control, communications and intelligence (C3I) facilities." The terminal BMD is the focus of this article.

Morrison, David C.

Shooting down Star Wars. National journal, v. 18, Oct. 25, 1986: 2544-2549.

LRS86-9647

"Few friends or opponents of President Reagan's Strategic Defense Initiative expect it to survive his presidency, at least not without significant changes."

Moseley, Jonathon. Kwapisz, John. Spottiswood, John.

Assessing the true cost of SDI. Washington, Center for Peace and Freedom, 1987. 21 p.

LRS87-3609

"A report on the myth of a 'trillion dollar' cost for SDI with a review of alternative cost estimates for defending America from nuclear missiles."

Myers, Ware.

The Star Wars software debate. Bulletin of the atomic scientists, v. 42, Feb. 1986: 31-36.

LRS86-971

"In recent months, debate over the technical feasibility of the Strategic Defense Initiative, or Star Wars, has focused on its software. The software dispute became public last June 28 when a member of the SDI Organization's Panel on Computing in Support of Battle Management resigned on the grounds that the software portion of the system could not be successful built."

Nimroody, Rosy.

Star Wars: the economic fallout. Cambridge, Mass., Ballinger Pub. Co.,
c1988. 234 p. LRS88-174

Contents.--The Reagan SDI vision.--Space-based missile defenses.--What price strategic defense?--The race for contracts.--The top ten SDI contractors.--Targeting academia.--The pork barrel: who pays?--Technological renaissance or brain drain?--Soviet strategic defense programs: a decade behind the United States.--Soviet SDI response: a nuclear build-up.--The future of Star Wars.

Patel, C. Kumar N. Bloembergen, Nicolaas.

Strategic defense and directed-energy weapons. Scientific American, v. 257,
Sept. 1987: 39-45. LRS87-10730

A summary of the findings of an American Physical Society panel which met in November 1983 "concerning the developmental gap that stands between the laboratory and a decision to display" directed-energy weapons. "The evaluation focuses on the potential of lasers and particle beams in strategic defense."

Perspectives on strategic defense. Edited by Steven W. Guerrier and Wayne L. Thompson. Boulder, Westview Press, 1987. 358 p. (Westview special studies in national security and defense policy) UG743.P47 1987

Pressler, Larry.

Star Wars: the Strategic Defense Initiative debates in Congress. New York, Praeger, 1986. 179 p. UG743.P75 1986

"Praeger special studies. Praeger scientific."

Contents.--The search for a perfect defense.--Congress reviews the anti-satellite program.--Congressional antisatellite hearings and reports.--The House debates antisatellite systems.--The Senate continues the antisatellite weapons debate.--The President speaks.--Congressional actions on the Strategic Defense Initiative.--Treaty limitations on military space operations.--Strategic implications.--Technology.--Strategic Defense Initiative and the European allies.--The role of Congress in assessing a new strategic program.

Promise or peril, the Strategic Defense Initiative: thirty-five essays by statesmen, scholars, and strategic analysts. Edited by Zbigniew Brzezinski, with Richard Sincere, Marin Strmecki, and Peter Wehner. Washington, Ethics and Public Policy Center, c1986. 479 p. UG743.P77 1986

Reed, Fred.

The Star Wars swindle. Harper's magazine, v. 272, May 1986: 39-44, 46-48.

LRS86-2953

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Rhineland, John B.

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Whittier, Charles H.

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Windmiller, David E.

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Zraket, C. A.

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