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Brighter Than A Thousand Suns

A text which describes the ways that European powers used science and scientific inquiry to enforce their supposed cultural superiority on

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societies of Africa, Asia and Latin America.

On Human Conflict excavates the philosophical foundations of war and peace in order to determine whether wars can ever be ended. It ranges over relevant mathematical models,

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Hobbes ' s natural philosophy, theories of causality, biological and cultural evolution, general systems theory, Buddhism, globalization, and futurology. An account of the discoveries and the dilemmas of those involved in the creation of the nuclear bomb

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Called "one of our best science popularizers" by Publishers Weekly, Amir Aczel now tackles the cause of one of last century's most destructive events -- the scientific discovery of nuclear power. Drawing on his rich storytelling skills, Aczel presents the fascinating and

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suspenseful story of the scientists who first uncovered the potential of uranium. Uranium Wars takes the reader on a whirlwind tour of 1920s Europe where the scientific elite of the day were embroiled in a fierce rivalry to achieve nuclear fission. Leading us to an

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understanding of both the processes that take place inside a uranium nucleus and its destructive power are the brilliant men and women at the heart of the race -- mammoth figures such as Marie Curie, Enrico Fermi, and Lise Meitner. Enmeshed in the story of scientific

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intrigue is the complex and ongoing story of uranium itself, which Aczel presents as a dynamic, dual natured force, capable of providing both abundant usable energy and generating unfathomable destructive power. From the nuclear programs in the Middle East

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to plans for nuclear reactors at home, the element uranium is never far from today's headlines.

"A readers' advisory to the best books on the history of science. Written by 200 international scholars, the 600 comparative essays begin with a

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bibliography of important works,
followed by reviews of those sources in
the body of the entry. Important
concepts and processes, phenomena,
and scientists as well as scientific
developments in different countries are
covered."--"Outstanding Reference

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Sources," American Libraries, May 2002.

Readers are taken on a trek through the beauty and violence of the forbidding American desert that exists south of Albuquerque, a region known as the Jornada del Muerto, the Journey of the Dead, capturing the history of the area

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from the perspective of the travelers and
natives who knew it best.

[Brighter Than a Thousand Suns](#)

[Bulletin of the Atomic Scientists](#)

[Tales from the Journey of the Dead](#)

[Ten Thousand Years on an American
Desert](#)

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[Intellectuals, World Disorder, and the
Politics of Empire](#)

[Critical Mass](#)

[Allegories of the Anthropocene](#)

[The Irreversible Decision, 1939-1950](#)

[The Philosophical Foundations of War
and Peace](#)

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[Absolute Dissent, Brighter Than a
Thousand Suns \(Album\), Democracy
\(Album\), Extremities, Dirt and Various
Repressed E
A Personal History of the Atomic
Scientists
Heller Als Tausend Sonnen. Brighter](#)

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[Than a Thousand Suns. The Moral and
Political History of the Atomic Scientists
... Translated ... by James Cleugh](#)

*In Allegories of the
Anthropocene Elizabeth M.
DeLoughrey traces how
indigenous and postcolonial*

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peoples in the Caribbean and Pacific Islands grapple with the enormity of colonialism and anthropogenic climate change through art, poetry, and literature. In these works, authors and artists use allegory

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as a means to understand the multiscalar complexities of the Anthropocene and to critique the violence of capitalism, militarism, and the postcolonial state. DeLoughrey examines the work of a wide range of artists

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*and writers—including poets
Kamau Brathwaite and Kathy
Jetñil-Kijiner, Dominican
installation artist Tony Capellán,
and authors Keri Hulme and Erna
Brodber—whose work addresses
Caribbean plantations, irradiated*

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Pacific atolls, global flows of waste, and allegorical representations of the ocean and the island. In examining how island writers and artists address the experience of finding themselves at the forefront of the

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*existential threat posed by
climate change, DeLoughrey
demonstrates how the
Anthropocene and empire are
mutually constitutive and
establishes the vital importance
of allegorical art and literature in*

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*understanding our global
environmental crisis.*

*In 1987, the New York Times
published their first front-page
review of a science fiction
anthology for a collection called
In the Field of Fire, themed*

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*around the war in Vietnam.
"Vietnam was science fiction,"
the reviewer wrote, and writing
about it through that lens found
meaning in a war few
understood. This idea, that
speculative fiction is a vital tool*

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to understanding the inexplicable, is just as relevant nearly thirty years later. Deserts of Fire is a war-inspired anthology for the new millennium, because for many, the recent wars in the deserts of

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Iraq, Afghanistan, and the Middle East are just as slippery to grasp and difficult to understand as Vietnam was two generations earlier. Inside Deserts of Fire are stories from a variety of bestselling and award-winning

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authors that start with the simple and modest ambition of making the reader feel strange about the recent past. Because when there are too many explanations, the truth won't be found by merely choosing one side or the other.

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But rather, the truth is in the existence of the confusion itself. Although the World War II efforts to develop nuclear weapons have inspired a very large literature, it struck us as noteworthy that virtually nothing

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existed in the form of firsthand accounts. Now It Can Be Told, by General Leslie Groves, the Manhattan Project's military commander, is probably the most prominent exception, but the scientists themselves seem

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to have shown little interest in publishing their reminiscences. Believing that it would be not only worthwhile for posterity, but extremely interesting for the present generation to hear about the aspirations, fears, and

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activities of those who participated in this watershed of science and government collaboration, we arranged the public lecture series represented by this book.! We chose to focus upon Los Alamos since

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the project's efforts culminated there. The isolated laboratory in New Mexico was created to design and construct the first atomic bombs. More scientific brainpower was accumulated there than at any time since

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Isaac Newton dined alone, and the interactions with this community are of sociological interest, as the results of their work are of political import. Why did the US intelligence services fail so spectacularly to

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know about the Soviet Union's nuclear capabilities following World War II? As Vince Houghton, historian and curator of the International Spy Museum in Washington, DC, shows us, that disastrous failure came just

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a few years after the Manhattan Project's intelligence team had penetrated the Third Reich and knew every detail of the Nazi 's plan for an atomic bomb. What changed and what went wrong? Houghton's delightful retelling of

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this fascinating case of American spy ineffectiveness in the then new field of scientific intelligence provides us with a new look at the early years of the Cold War. During that time, scientific intelligence quickly grew to

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become a significant portion of the CIA budget as it struggled to contend with the incredible advance in weapons and other scientific discoveries immediately after World War II. As Houghton shows, the abilities

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of the Soviet Union's scientists, its research facilities and laboratories, and its educational system became a key consideration for the CIA in assessing the threat level of its most potent foe. Sadly, for the

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CIA scientific intelligence was extremely difficult to do well. For when the Soviet Union detonated its first atomic bomb in 1949, no one in the American intelligence services saw it coming. Twenty-one short stories explore

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*the nature of life in the aftermath
of a nuclear war, in an anthology
that features works by such
distinguished science fiction
authors as Arthur C. Clarke, Poul
Anderson, Ray Bradbury, J. G.
Ballard, Robert Sheckley, Roger*

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*Zelazny, and Harlan Ellison.
Reprint.*

*In the dramatic narratives that
comprise *The Republic of
Nature*, Mark Fiege reframes the
canonical account of American
history based on the simple but*

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radical premise that nothing in the nation's past can be considered apart from the natural circumstances in which it occurred. Revisiting historical icons so familiar that schoolchildren learn to take

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them for granted, he makes surprising connections that enable readers to see old stories in a new light. Among the historical moments revisited here, a revolutionary nation arises from its environment and

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struggles to reconcile the diversity of its people with the claim that nature is the source of liberty. Abraham Lincoln, an unlettered citizen from the countryside, steers the Union through a moment of extreme

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peril, guided by his clear-eyed vision of nature's capacity for improvement. In Topeka, Kansas, transformations of land and life prompt a lawsuit that culminates in the momentous civil rights case of Brown v. Board of

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Education. By focusing on materials and processes intrinsic to all things and by highlighting the nature of the United States, Fiege recovers the forgotten and overlooked ground on which so much history has unfolded. In

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these pages, the nation's birth and development, pain and sorrow, ideals and enduring promise come to life as never before, making a once-familiar past seem new. The Republic of Nature points to a startlingly

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*different version of history that calls on readers to reconnect with fundamental forces that shaped the American experience. For more information, visit the author's website:
<http://republicofnature.com/>*

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[*Brighter Than a Thousand Suns,
Science and the Public Sphere*](#)

[*Brighter Than a Thousand Suns,
Science and the Public Sphere*](#)

[*Brighter Than a Thousand Suns,
Etc*](#)

[*Brighter Than an Thousand*](#)

[*Suns; a Personal History of the*](#)

[*Atomic Scientists. Translated by*](#)

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[James Cleugh](#)

[How Nazi Germany Surrendered](#)

[Enriched Uranium for the United](#)

[States' Atomic Bomb](#)

[Killing Joke Albums](#)

[Brighter Than a Thousand Suns.](#)

[The Moral and Political History of](#)

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the Atomic Scientists. Translated

... by James Cleugh

Brighter than a thousand suns

The Republic of Nature

Armageddon and Paranoia

The Nuclear Spies

Creativity and the Imagination

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De Tweede Wereldoorlog was een van de grootste catastrofes in de geschiedenis van de mensheid. Hoe hebben deze verschrikkelijke ervaringen, en de herinnering eraan, ons leven beïnvloed? De nieuwe wereldorde die na 1945 ontstond, betekende het einde van de macht van Europese vorstenhuizen en de

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geboorte van twee nieuwe supermogendheden, die verwickeld raakten in een nieuwe, wereldwijde Koude Oorlog. Wetenschappers kwamen met nieuwe technologieën, politici speculeerden over nieuwe samenlevingsvormen: sommigen pleitten voor een wereldregering, anderen juist

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voor onafhankelijkheid. Het was een tijdperk van verwondering en angst, wat nog altijd doorklinkt in de debatten over nationalisme, immigratie en globalisering die we vandaag de dag voeren. Behalve een analyse van de belangrijkste naoorlogse veranderingen en de mythen die destijds ontstonden, bevat Angst en

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vrijheid een onderzoek naar de filosofische en de psychologische impact van de oorlog. Aan de hand van tal van individuele verhalen laat Lowe zien hoe leiders en gewone mensen zich staande hielden in de naoorlogse wereld. Hoe werd een van de grootste trauma's uit de geschiedenis gebruikt als een kans om

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verandering te realiseren? Angst en
vrijheid is een standaardwerk over de nog
altijd voortdurende impact van de Tweede
Wereldoorlog - op landen, steden, families
en mensen over de hele wereld.

'Inzichtgevend en panoramisch. (...) zelden
is het met zo'n kracht en helderheid
uitgewerkt. Door en door overtuigend.' -

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Sunday Times 'Prachtig geschreven en buitengewoon genuanceerd. Lowe bewijst zich als een van de beste historici van deze tijd.' - Antony Beevor 'Een inzichtelijk en uitstekend leesbaar boek.' - Juliet Gardiner 'Een deskundige mix van historisch onderzoek, aangrijpende interviews en uitdagende psychologische inzichten. Een

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boek met een verhelderende boodschap.' -
Jonathan Dimbleby

Please note that the content of this book primarily consists of articles available from Wikipedia or other free sources online.

Commentary (music and lyrics not included). Pages: 19. Chapters: Absolute Dissent, Brighter Than a Thousand Suns

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(album), Democracy (album), Extremities, Dirt & Various Repressed Emotions, Fire Dances, Hosannas from the Basements of Hell, Killing Joke (1980 album), Killing Joke (2003 album), Laugh? I Nearly Bought One!, MMXII (album), Night Time, Outside the Gate, Pandemonium (Killing Joke album), Revelations (Killing

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Joke album), The Courtauld Talks, What's THIS For...!, Wilful Days. Excerpt: Absolute Dissent is the fourteenth studio album by Killing Joke. It represents the first studio album and the second recording -it was preceded by the In Excelsis EP on July 2010- in 28 years from the band's original line-up of Jaz Coleman

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(vocals), Kevin "Geordie" Walker (guitar), Martin "Youth" Glover (bass), and Paul Ferguson (drums). The album was going to be called Feast of Fools, but they decided to not use that track and they chose Absolute Dissent for the title of the album and of its opening track. The album was released on 27 September 2010 in the

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United Kingdom and Japan, and on 1 October in Europe on Spinefarm Records, marking the 30th Anniversary for Killing Joke. It was released in the United States in November 2010 and distributed worldwide via Universal Music Group. The album, which features twelve tracks, was engineered and mixed by Clive

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Goddard, and produced by the band. It was released on various formats including CD, double coloured vinyl and a 2-CD deluxe edition featuring a bonus disc entitled Absolute Respect with Killing Joke's songs covered by Metallica, Amen, Helmet, Econoline Crush, Dead by April, Nine Inch Nails, The Mad Capsule

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Markets, Nouvelle Vague, Fear Factory, Foo Fighters, and Kotiteollisuus. After meeting up on October 2007 at Paul Raven's funeral and the intimations of mortality that Raven's passing gave... In this book, Canadian scholar David Geoffrey Smith reflects on over thirty years of research and teaching in the

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human sciences, including education. Written between 1986 and 2018, the essays are organized around four themes: Hermeneutics and the Human Sciences; The Poststructuralist Turn; Globalization and Its Discontents; East/West Encounters and the Search for Wisdom. As a historical guide through the defining

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discourses in the human sciences, this volume could well serve as an introductory text for graduate students in education and other cognate disciplines like nursing, recreation and cultural studies. The writing can be described as a form of meditative praxis, while the emphasis on interculturality addresses issues in literacy,

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pedagogy, politics, critical thinking, teacher education, and cultural healing from a geopolitical perspective, drawing on insights from both Western and Eastern traditions and the author ' s personal experience of being born in China and raised in Central Africa (Northern Rhodesia/ Zambia). Praise for

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CONFLUENCES: Careful study of the essays in this collection has been an inspiration, primarily because of Professor David Geoffrey Smith's deep commitments to the organic interpretability of life, and living in the interests of generativity, hope and good faith. In curricular and pedagogical terms,

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these commitments arise from sustained study of the various inheritances, philosophical and otherwise, that circulate around deliberations concerning children, education, and knowledge deemed of most value. As an Indigenous scholar, and someone committed to uncovering the unnamed colonial logics that continue to

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govern and structure formal education, I find especially helpful Professor Smith ' s untangling of the roots of the Euro-American power nexus and its ongoing difficulties in creatively engaging traditions outside of its own self-determinations. As Professor Smith teaches through this work, it is in the careful hermeneutic practice of

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tracing out the lineages of the past, and revealing their potential for openness in the present, that the possibility of saying something hopeful about the future emerges. Dwayne Donald Ph.D. Associate Professor Curriculum Studies and Indigenous Wisdom Traditions Department of Secondary Education

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University of Alberta, Canada Now and then a clear and authentic voice emerges from the surrounding cacophony as the machinery of the education establishment relentlessly grinds away: a voice of conscience and wisdom rising above the babble of technocratic, bureaucratic, ideological, and market-driven survivalism

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that permeates educational discourse today. I recognize such a voice in this newest book by Canadian educator Professor David Geoffrey Smith. Smith ' s " reading the world, " to use Paulo Freire ' s expression, is particularly helpful to us in today ' s world teeter-tottering between denial and panic. I firmly believe

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that any hope for sanity in our time rests in our collectively and individually investigating how we have gotten ourselves into this current material and existential predicament. Smith ' s investigation shows an incredible intellectual depth of understanding gained through plumbing Western and Eastern philosophical

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traditions in an intercultural life journey on three continents through forty years of teaching and research. I delight in hearing his voice of wisdom that insists, for instance, that the nature of reality cannot be reduced to “ any human construct, scientific or otherwise ” and that we must “ die into a new human freedom found in

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the joy of a new shared reality. ”

Ultimately, his is a voice of unwavering hopefulness and a gaze that courageously faces a challenging world. I value his work more than any others ’ in the contemporary curriculum theory field.

Heesoon Bai Professor, Philosophy of Education
Simon Fraser University,

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Canada

This book is about the ways in which modern enlightenment, rather than liberating humanity from tyranny, has subjected us to new servitude imposed by systems of mass manipulation, electronic vigilance, compulsive consumerism, and the horrors of a seemingly unending global

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war on terror. The main intellectual aims of this title are the following: the analysis of spectacle, the criticism of providential enlightenment, and the examination of positive dialectics. The spectacle, in this case, is the apotheosis of the culture industries, a total inversion of reality and of our existences. Providential

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enlightenment is not only a critique of the failure of enlightenment, but of the mutilation of historical enlightenments. Positive dialectics signal a new era of intellectual engagement in the construction of our historical future. During a time in which national democracies seem an imperial farce, it is

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not enough for intellectuals faced with all this destruction to blithely recommend resistance. The book thus ties American, British, French and German theoretical traditions into a reflexive challenge to the notion of intellectual as critic, and argues instead for a trespassive tradition of cultural leadership.

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The material in this book, in essentially this form, was submitted as a dissertation to the Graduate School of Yale University in partial fulfillment of the requirements for the degree of doctor of philosophy. The capacity of human beings to invent, construct and use technical artifacts is a hugely consequential factor in the

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evolution of society, and in the entangled relations between humans, other creatures and their natural environments. Moving from a critical consideration of theories, to narratives about technology, and then to particular and specific practices, *Technofutures, Nature and the Sacred* seeks to arrive at a genuinely

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transdisciplinary perspective focusing attention on the intersection between technology, religion and society and using insights from the environmental humanities. It works from both theoretical and practical contexts by using newly emerging case studies, including geo-engineering and soil carbon technologies,

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and breaks open new ground by engaging theological, scientific, philosophical and cultural aspects of the technology/religion/nature nexus. Encouraging us to reflect on the significance and place of religious beliefs in dealing with new technologies, and engaging critical theory common in

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sociological, political and literary discourses, the authors explore the implicit religious claims embedded in technology.

[Technofutures, Nature and the Sacred](#)
[Enlightenment in an Age of Destruction](#)
[Oh Pure and Radiant Heart](#)
[Heisenberg in the Atomic Age](#)
[No Direction Home](#)

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[Science, Medicine and Cultural
Imperialism](#)

[Transdisciplinary Perspectives](#)

[The Scientific Rivalry that Created the
Nuclear Age](#)

[Reminiscences of Los Alamos 1943 – 1945](#)

[The Manhattan Project](#)

[Beyond Armageddon](#)

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[The Road from Los Alamos](#)

An investigation into our complicated 8-decade-long relationship with nuclear technology, from the bomb to nuclear accidents to nuclear

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waste. From Hiroshima to
Chernobyl, Fukushima to
the growing legacy of
lethal radioactive
waste, humanity's
struggle to conquer
atomic energy is rife

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with secrecy, deceit,
human error, blatant
disregard for life,
short-sighted politics,
and fear. Fallout is an
eye-opening odyssey
through the first eight

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decades of this struggle
and the radioactive
landscapes it has left
behind. We are, he
finds, forever torn
between technological
hubris and all-too-human

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terror about what we
have created. At first,
Pearce reminds us,
America loved the bomb.
Las Vegas, only seventy
miles from the Nevada
site of some hundred

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atmospheric tests,
crowned four Miss Atomic
Bombs in 1950s. Later,
communities downwind of
these tests suffered
high cancer rates. The
fate of a group of

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Japanese fishermen, who suffered high radiation doses from the first hydrogen bomb test in Bikini atoll, was worse. The United States Atomic Energy Commission

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accused them of being
Red spies and ignored
requests from the
doctors desperately
trying to treat them.
Pearce moves on to
explore the closed

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cities of the Soviet Union, where plutonium was refined and nuclear bombs tested throughout the '50s and '60s, and where the full extent of environmental and human

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damage is only now
coming to light.

Exploring the
radioactive badlands
created by nuclear
accidents—not only the
well-known examples of

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Chernobyl and Fukushima,
but also the little
known area around
Satlykovo in the Russian
Ural Mountains and the
Windscale fire in the
UK—Pearce describes the

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compulsive secrecy,
deviousness, and lack of
accountability that have
persisted even as the
technology has morphed
from military to
civilian uses. Finally,

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Pearce turns to the toxic legacies of nuclear technology: the emerging dilemmas over handling its waste and decommissioning of the great radioactive

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structures of the
nuclear age, and the
fearful doublethink over
the world's growing
stockpiles of plutonium,
the most lethal and
ubiquitous product of

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nuclear technologies.
For any reader who
craves a clear-headed
examination of the
tangled relationship
between a powerful
technology and human

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politics, foibles,
fears, and arrogance,
Fallout is the
definitive look at
humanity's nuclear
adventure.

On May 19, 1945, eleven

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days after the surrender of Nazi Germany in Europe, a U-boat was escorted into Portsmouth Naval Yard, New Hampshire. News reporters covering the

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surrender of U-234 were ordered, contrary to all previous and later U-boat surrender procedures, to keep their distance from crew members and passengers

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of U-234, on threat of being shot by the attending Marine guards. Why the tight security? Buried in the nose of the specially-built mammoth boat,

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sealed in cylinders
“lined with gold,” was
1,120 pounds of enriched
uranium labeled
“U235” the fissile
material from which atom
bombs are made. Critical

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Mass documents how these
Nazi bomb components
were then used by the
Manhattan Project to
complete both the
uranium bomb dropped on
Hiroshima and the

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plutonium bomb dropped
on Nagasaki, to defeat
the Japanese and win
World War Two and global
domination in the modern
age.

Features songs from the

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album, A Matter Of Life
And Death, which are
arranged for guitar TAB.

These songs include:

Brighter Than A Thousand
Suns; A Different World;
For the Greater Good of

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God; The Legacy; The
Longest Day; Lord Of
Light; Out Of The
Shadows; The Pilgrim;
and, These Colour's
Don't Run.

Former British

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Ambassador to the Soviet Union and author of the definitive account of the Soviet invasion and occupation of Afghanistan, Sir Rodric Braithwaite offers here

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a tour d'horizon of
nuclear policy from the
end of World War II and
start of the Cold War to
the present day.

Armageddon and Paranoia
unfolds the full history

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of nuclear weapons that began with the arms race between the United States and the Soviet Union and now extends worldwide. For decades, an apocalypse seemed

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imminent, staved off
only by the certainty
that if one side
launched these missiles
the other would launch
an equally catastrophic
counterstrike. This

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method of avoiding all-out nuclear warfare was called "Deterrence," a policy of Mutually Assured Destruction (MAD). Still, though neither side actively

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wanted to plunge the world into nuclear wasteland, the possibility of war by misjudgment or mistake meant fears could never be entirely assuaged.

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Both an exploration of
Deterrence and the long
history of superpower
nuclear policy,
Armageddon and Paranoia
comes at a time when
tensions surrounding

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nuclear armament have begun mounting once more. No book until this one has offered so comprehensive a history of the topic that has guided--at times

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dominated--the world in
which we live.

As the head of the
theory group at Los
Alamos, Hans A. Bethe
played a

This informative edition

Read Online Brighter Than A Thousand Suns

tells the story of the
Manhattan Project. The
book describes how the
project came to
fruition, the people
involved, and the impact
that the nuclear bomb

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had on World War II. The book also details the lives of the people who worked on the project along with that of their families and how they had to basically cut all

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ties to the outside
world.

[An Environmental History
of the United States
Uranium Wars](#)

[Angst en vrijheid](#)

[Collected Essays of Hans](#)

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[A. Bethe](#)

[The Moral and Political](#)

[History of the Atomic](#)

[Scientists](#)

[Fallout](#)

[Reader's Guide to the](#)

[History of Science](#)

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The story of the men who
made the bomb

America's Atomic

Intelligence Operation

against Hitler and

Stalin

CONFLUENCES

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[Intercultural Journeying
in Research and Teaching
Deserts of Fire](#)

[A History of Nuclear
Confrontation from 1945
to the Present](#)

The end of the Second World

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War opened a new era for science in public life. Heisenberg in the Atomic Age explores the transformations of science's public presence in the postwar Federal Republic of Germany. It shows how Heisenberg's

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philosophical commentaries,
circulating in the mass
media, secured his role as
science's public
philosopher, and it reflects
on his policy engagements
and public political stands,
which helped redefine the

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relationship between science and the state. With deep archival grounding, the book tracks Heisenberg's interactions with intellectuals from Heidegger to Habermas and political leaders from Adenauer to

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**Brandt. It also traces his
evolving statements about
his wartime research on
nuclear fission for the
National Socialist regime.
Working between the history
of science and German
history, the book's central**

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theme is the place of
scientific rationality in
public life - after the
atomic bomb, in the wake of
the Third Reich.

The Bulletin of the Atomic
Scientists is the premier
public resource on

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scientific and technological
developments that impact
global security. Founded by
Manhattan Project
Scientists, the Bulletin's
iconic "Doomsday Clock"
stimulates solutions for a
safer world.

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In 1996, the International Court of Justice delivered an Advisory Opinion on the legality of the use of nuclear weapons in which the Court stated that "while the existing international law relating to the protection

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and safeguarding of the environment does not specifically prohibit the use of nuclear weapons it indicates important environmental factors that are properly to be taken into account in the context

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of the implementation of the principles and rules of the law applicable in armed conflict." The present work analyses this conclusion, focusing on the question whether or not the use of nuclear weapons during

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international armed conflict would violate existing norms of public international law relating to the protection and safeguarding of the environment. Although the use of weaponry during armed conflict is usually related

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to the protection of
individuals, the rapidly
emerging appreciation of,
and the worldwide
realization of the intrinsic
value of, the natural
environment as an
indispensable asset for the

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continuation of life,
including human life, on
this planet, both for
present and future
generations, warrants a
thorough and extensive
examination of the question
of the (il)legality of the

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employment of nuclear weapons from the point of view of international environmental protection law. The book consists of two parts. Part I discusses the historical development and the effects of nuclear

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weapons; Part II discusses the protection of the environment during international armed conflict under *ius in bello*, *ius ad bellum* and *ius pacis*. Only then is it possible to assess the legality of the

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use of nuclear weapons under
this particular set of
rules.

Oh Pure and Radiant Heart
plucks the three scientists
who were key to the
invention of the atom
bomb—Oppenheimer, Leo

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Szilard and Enrico Fermi—as they watch history's first mushroom cloud rise over the desert on July 16th, 1945...and places them down in modern-day Santa Fe. One by one, the scientists are spotted by a shy librarian

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who becomes convinced of
their authenticity.
Entranced, bewildered,
overwhelmed by their
significance as historical
markers on the one hand, and
their peculiar personalities
on the other, she, to the

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dismay of her husband,
devotes herself to them.
Soon the scientists acquire
a sugar daddy—a young
pothead millionaire from
Tokyo who bankrolls them.
Heroes to some, lunatics or
con artists to others, the

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scientists finally become
messianic religious
figureheads to fanatics, who
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the Second Coming. As the
ever-growing convoy
traverses the country in a
fleet of RV's on a

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pilgrimage to the UN, the scientists wrestle with the legacy of their invention and their growing celebrity, while Ann and her husband struggle with the strain on their marriage, a personal journey married to a history

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