



# COSMIC WORMHOLES

THE SEARCH FOR INTERSTELLAR SHORTCUTS

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# PAUL HALPERN

# Cosmic Wormholes The Search For Interstellar Shortcuts

**Julia Schneider**



## **Cosmic Wormholes The Search For Interstellar Shortcuts:**

Cosmic Wormholes Paul Halpern, 1993      **The Physics of Stargates** Enrico Rodrigo, 2010 An accessible introduction to modern physics that focuses on wormholes and discusses among other topics their structure stability dynamics operation as time machines utility as portals to parallel universes and their implications for the distant future of humanity Read the wormhole FAQ and the bullet point principles scattered throughout to quickly absorb the basics of wormhole physics Go back and read the interstitial material for greater depth Written by a physicist with years of experience in gently introducing physics to the mathematically challenged it also covers the history of wormhole physics and delineates the unsolved problems at the forefront of research      **What Caused the Big Bang?** Rem B. Edwards, 2021-07-26 This book critically explores answers to the big question What produced our universe around fifteen billion years ago in a Big Bang It critiques contemporary atheistic cosmologies including Steady State Oscillationism Big Fizz Big Divide and Big Accident that affirm the eternity and self sufficiency of the universe without God This study defends and revises Process Theology and arguments for God s existence from the universe s life supporting order and contingent existence      Lifting the Scientific Veil Paul Sukys, 1999 Lifting the Scientific Veil has been written to afford the nonscience student the same meaningful opportunity to explore germane scientific topics as is generally given the science student to learn about the humanities and social sciences Since nonscientists are generally responsible for making laws financing research or at the very least for voting it is essential that they understand the significant impact that science has on everyday life The book is designed to introduce nonscientists in an informative and comprehensible manner to four of the most significant scientific theories of the twentieth century the big bang quantum physics relativity and evolution After each theory is explained informally the book shows how that theory and related technology impact upon one s personal life Legal and political aspects of these theories are explored as well as philosophical and theological implications      **The Cyclical Serpent** Paul G. Halpern, 2013-11-11 Halpern s journey leads us through the most extraordinary breakthroughs in twentieth century physics and cosmology and to the remarkable tools scientists employ to look backward and forward in time He also reveals the fascinating pieces of the puzzle still missing from our picture of the universe keys that promise to unlock our elusive destiny What is dark matter and how much of our universe does it comprise What is the size and age of the universe How did events unfold in the critical seconds after the Big Bang The answers to these and other questions will help us decipher our fate      The Sun We Share Kristine Larsen, 2024-11-21 As the dominant star in our sky the Sun has been alternately worshipped as a god and viewed as a threat over the course of human history Despite significant advances in astronomy the Sun continues to surprise us most notably in its production of so called space weather that impacts technology here on Earth This unique mixture of familiarity and mystery has made the Sun a main character in popular media over the past three centuries This book examines how popular media have adapted to our ever changing understanding of the inner workings of the Sun It provides a valuable way to observe the inherent problems of

communicating science to a non technical audience Chapters cut through the widespread hype found on the Internet and instead explore our ever improving scientific exploration of the Sun the persistent misconceptions surrounding it the fate of the Sun and its relation to the fate of the Earth and why despite comments to the contrary by Oscar Wilde the average person should care about sunspots

**Knowledge and Ignorance** Folke Dovring,1998-03-25 Dovring explores the limits of science as causes of ignorance Some topics examined in these essays are problems with our ways of knowing and the impact of emotion on objectivity He argues that reality consists of designs of things and processes While most designs we might think of cannot exist those that can exist add up to a tool box of creation which contains the detailed laws of nature many of them synergisms Reality must conform to this web of necessities hence the danger of unchecked virtual reality These lines of thought are then applied to evolution as creation and history In a final essay Dovring explores topics upon which science should concentrate This book will be of interest to scientists as well as the lay public interested in the theory of science and questions of truth and faith

After Contact Albert A. Harrison,1997-08-21 Examines in detail the psychological sociological political and cultural dimensions of the search for extraterrestrial intelligence

**The Science Teacher** ,1994 *Issues in Science and Technology* ,1993

**Illinois Chemistry Teacher** ,1993

The Pursuit Of Destiny Paul Halpern,2000-10-25 A fascinating journey from the oracles of the past to the predictive machines of the future

The Best Books for Academic Libraries: Science, technology, and agriculture ,2002

**Book Review Digest** ,1993 Excerpts from and citations to reviews of more than 8 000 books each year drawn from coverage of 109 publications Book Review Digest provides citations to and excerpts of reviews of current juvenile and adult fiction and nonfiction in the English language Reviews of the following types of books are excluded government publications textbooks and technical books in the sciences and law Reviews of books on science for the general reader however are included The reviews originate in a group of selected periodicals in the humanities social sciences and general science published in the United States Canada and Great Britain

Publisher **The Quest For Alien Planets** Paul Halpern,1997-08-21 Details the important discoveries of the first known worlds beyond the solar system explores the search for planets similar and alien to Earth

**When SETI Succeeds** Allen Tough,2000

93-1975 - 93-2027 ,1992 *The Cumulative Book Index* ,1995 A world list of books in the English language

Paperbound Books in Print 1995 Reed Reference Publishing,R5ference Reed,1995-12

Forthcoming Books Rose Army,1994-02

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