

Star Vistas A Collection Of Fine Art Astrophotography

A complete and in-depth review of exoplanet research, covering the discovery methods, physics and theoretical background.

What path will lead you to the future? What does the future hold for us? Benevolent aliens come to help us, or interstellar conflicts between warring star systems. The 14 short science fiction stories in this collection explore different paths that our future might take, many of which will test our concept of what it means to be human. Prepare yourself as you undertake a journey of imagination and inspiration that will challenge how you perceive your own future and open your mind to new possibilities. Future Vistas Vol 1 is the first published collection of short science fiction works by Canadian science fiction author, D.M.Pruden.

Some 70 papers present the flare star problem from both a physical and evolutionary aspect, and represent an interaction between investigators working on flare stars in clusters and associations, and those working on the UV Ceti stars in solar vicinity. The variety of perspectives reveal a physical similarity among several non-stable phenomena, and suggest that the different manifestations of stellar activity result from the release of some unknown kind of energy in the outer layers of young stars. The papers deal not only with different aspects of flare stars, but also with such related objects as T Tauri stars, flares, and Herbig-Haro objects. Annotation copyrighted by Book News, Inc., Portland, OR

Every place is a product of the stories we tell about it—stories that do not merely describe but in fact shape geographic, social, and cultural spaces. Lone Star Vistas analyzes travelogues that created the idea of Texas. Focusing on the forty-year period between Mexico's independence from Spain (1821) and the beginning of the US Civil War, Astrid Haas explores accounts by Anglo-American, Mexican, and German authors—members of the region's three major settler populations—who recorded their journeys through Texas. They were missionaries, scientists, journalists, emigrants, emigration agents, and military officers and their spouses. They all contributed to the public image of Texas and to debates about the future of the region during a time of political and social transformation. Drawing on sources and scholarship in English, Spanish, and German, Lone Star Vistas is the first comparative study of transnational travel writing on Texas. Haas illuminates continuities and differences across the global encounter with Texas, while also highlighting how individual writers' particular backgrounds affected their views on nature, white settlement, military engagement, Indigenous resistance, African American slavery, and Christian mission.

Are we alone? In 1995 planet hunters discovered the first alien solar system around a star like our own Sun. Ken Crowell tells the fascinating story of this discovery and the people who made it, then explores the possibility that one day we may have the technology to travel to different solar systems and find life.

"To celebrate NASA's Hubble Space Telescope and its 25 years of accomplishments, let The Hubble Cosmos fill your mind with big ideas, brilliant imagery, and a new understanding of the universe in which we live. Relive key moments in the monumental Hubble story, from launch through major new instrumentation to the promise of discoveries to come. With more than 150 photographs including Hubble All-Stars the most famous of all the noteworthy images The Hubble Cosmos shows how this telescope is revolutionizing our understanding of the universe."

This book offers a unique review of how astronomical information handling (in the broad sense) evolved in the course of the 20th century, and

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especially during its second half. It will be very useful for researchers, teachers, editors, publishers, librarians, computer scientists, sociologists of science, research planners and strategists, project managers, public-relations officers, plus those in charge of astronomy-related organizations, as well as by students aiming at a career in astronomy or related space science.

A multicultural selection of short stories from around the world includes the work of Nadine Gordimer, Bei Dao, Anita Desai, Kobo Abe, Gabriel García Márquez, Isabel Allende, Chinua Achebe, Wang Anyi, R. K. Narayan, Yukio Mishima, and fifteen other notable authors. Reprint.

Dr. Cherijo Grey Veil leaves Earth and accepts a position as a physician at Kevarzanga-2's FreeClinic. Her surgical skills are desperately needed on a hostile frontier world with over 200 sentient species—and her understanding of alien physiology is nothing short of miraculous. But the truth behind her expertise is a secret which, if discovered, could have disastrous consequences between human and alien relations. Covering the region surrounding the 22-mile long lake, author Jordan Summers guides hikers along 40 of the region's best trails - all located within 25 miles of Lake Tahoe's shoreline. Trekkers can easily find the perfect hike with the complete trail descriptions for 27 dayhike and 13 overnight destinations. An accurate map, directions to the trailhead with coordinates for GPS use, and an elevation profile of each trail prepare hikers with the full picture of the route ahead. Generally intended for outdoors-people of all ages and abilities, Five-Star Trails around Lake Tahoe describes great hikes from the Desolation, Mt. Rose, Granite Chief, and Mokelumne Wilderness areas and along sections of the Pacific Crest National Scenic Trail and portions of the Tahoe Rim Trail. While ranging across forest- and granite-covered terrain to over a dozen peaks and several dozen lakes, hike profiles include details on natural history, geologic features, and places of historic note. With Five-Star Trails around Lake Tahoe, hikers will follow in the footsteps of pioneers such as Kit Carson and the historic Donner Party along the Pony Express Trail and the Emigrant Trail, often with stunning vistas of Lake Tahoe, Emerald Bay, Fallen Leaf Lake, or the Crystal Range.

A comprehensive three-volume reference work offers six hundred entries, with the first two volumes covering themes and the third volume exploring two hundred classic works in literature, television, and film.

Where do stars come from and how do they form? These are profound questions which link the nature of our Universe to the roots of mankind. Yet, until a recent revolution in understanding, the proposed answers have been raw speculation. Now, accompanying penetrating observations, a new picture has come into prominence. This book presents the latest astounding observations and scientific ideas covering star formation, star birth and early development. It encompasses all aspects, from the dramatic stories of individual objects, to the collective influence of entire stellar systems. The very first stars to come into existence and the nurturing of planets are discussed to provide the reader with a comprehensive overview. Presenting background information with only the essential mathematics, this book will appeal to scientists wishing to expand their horizons, students seeking solid foundations, and general readers with enquiring minds. Contents: The Physics and Chemistry of the Clouds, Cloud Formation, Evolution and Destruction, Turbulence, The Collapse, The Magnetic Mediation, The Birth, The Young Stars, Jets and Outflows, Massive Stars, The Distributions, Cosmological Star Formation. Readership: Students, instructors, researchers and general readers with an interest in astrophysics, astronomy and cosmology. Key Features: Presents in concise and readable form the story of star formation, and the revelations that have shaken the foundations of the subject. Provides the knowledge essential for an understanding of the

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construction of stars of all typesIncludes introductions and summaries that will make the subject accessible to a broad audienceKeywords:Stars;Stellar Evolution;The Universe;Clusters;Protostars;Galaxies;Starbursts;Magnetic Field;Complex Systems;Fluid DynamicsReviews:"This book has a readable style ... it should be accessible to readers with a variety of scientific backgrounds, and to advanced undergraduates. It will be particularly useful as an introduction to the subject for first year research students in astrophysics. The book is recommended reading for anyone with an interest in the subject."Professor David Williams University College London "Overall, this is a good read, and as clear a picture of the field as his target readership is likely to get at the moment. I recommend it as ancillary reading in first- and second-year courses, or as an introduction for a junior-honours course."The Observatory Magazine

Bob Mizon, one of the world's best known campaigners against the veil of light pollution that has taken away the starry sky from most of the world's population, takes readers to a hundred places in the UK and the USA where the wonders of the night sky might still be enjoyed in perfect or near-perfect night skies. Visiting small hotels and simple campsites, and savoring vast dark-sky reserves where the night sky is actively protected, The Million-Star Hotel celebrates the black skies of yesteryear – which may become a reality for more and more of us as modern technology reins in lighting and puts it only where needed. How can you prepare for your stay beneath the stars? What astronomy can you do during the daytime? What kind of equipment will you need? Questions such as these are answered, and if town dwellers return inspired – and, Bob hopes, also inspired to look with fresh eyes at their own local lighting – there is enough information here for them to equip themselves for some urban astronomy too.

These 200 images show you the spectacular views from hundreds of New York City s finest residences. Everyone loves an amazing view, and some pay millions for a property with views across Central Park, the East River, the Hudson River, or the Midtown skyline. In the jungle of glass, stone, and steel that is New York City, it is impossible to overstate the value of an incredible view. Tauber, a Manhattan-based independent photographer, shot these images over the last decade while shooting New York City s finest properties for real estate firms, architects, interior designers, developers, and magazines. This collection reflects the shimmering pull of New York City views through the seasons, from morning light over Central Park to twilight over the Hudson."

Describes the organization and work of the "domestic Peace Corps" in combating poverty, disease, and ignorance in underprivileged areas of the United States.

Most people are familiar with the spectacular Hubble Space Telescope images - most of them in the public domain and available on the Internet. These images, constrained by the scientific observing programs, are mainly very distant, strange objects. There are very few high-quality books of wide-field deep-sky images, primarily because the major professional telescopes are scheduled for research projects rather than creating beautiful images. Star Vistas contains many spectacular photographs of the Moon and constellations, but most of the book contains wide-field astronomical images and some of the most exquisite star photographs ever made. Moreover, all these astronomical photographs were made using commercially-available amateur equipment and software! This is a testament to the development of today's

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optical and imaging technology, the excellence of relatively low-cost telescopes and cameras, to the author's skills in taking the photographs, and to Noel Carboni's skill in processing the images. Whether it is to be used as a reference and gold standard for amateur imaging, or simply as a book of beautiful images of the night sky to be marvelled at, this book deserves a place in the library of anyone interested in our fascinating universe.

Vistas in Astronomy, Volume 1: Co-operation and Organization, History and Philosophy, Dynamics, Theoretical Astrophysics, Instruments, Radio Astronomy, Solar Physics brings together the ideas that form the structural units of what is known about astronomy. This book is organized into seven sections encompassing 93 chapters. Section I provides a summary of the significant contributions of international cooperation and various astronomy-related organizations in the advancement of astronomy. Section II highlights the historical developments in astronomy, from the early studies of the Egyptians to the formulation of philosophical concepts of cosmology. Sections III and IV describes the dynamic and theoretical aspects of astrophysics. These sections consider research studies on stellar dynamics, atmospheres, and magnetic fields, as well as the formation of condensation in a gaseous nebula. Part V is devoted to the developments in telescope optics and mirrors, spectrographs, electronic calculating machines, and photometers, while Section VI examines the field of radio astronomy. Part VII looks into solar physics related studies, including the structure and movements of sunspots, eclipse observation, and spectroscopic investigations of the solar corona. This book is of great value to astronomers, astrophysicists, solar physicists, and researchers in the allied fields.

Every night, a pageant of Greek mythology circles overhead. Perseus flies to the rescue of Andromeda, Orion faces the charge of the snorting Bull, and the ship of the Argonauts sails in search of the Golden Fleece. Constellations are the invention of the human imagination, not of nature. They are an expression of the human desire to impress its own order upon the apparent chaos of the night sky. Modern science tells us that these twinkling points of light are glowing balls of gas, but the ancient Greeks, to whom we owe many of our constellations, knew nothing of this. Ian Ridpath, well-known astronomy writer and broadcaster, has been intrigued by the myths of the stars for many years. Star Tales is the first modern guide to combine all the fascinating myths in one book, illustrated with the beautiful and evocative engravings from two of the leading star atlases: Johann Bode's Uranographia of 1801 and John Flamsteed's Atlas Celestis of 1729. This is an excellent reference and the perfect gift for the armchair astronomer and those interested in classical mythology alike.

Vistas in Astronomy

This is the most complete collection of American author of horror, fantasy, and science fiction. Stephen King has called Lovecraft "the twentieth Century's greatest practitioner of the classic horror tale." His works were deeply pessimistic and cynical, challenging the values of the Enlightenment, Romanticism, and Christian humanism. Lovecraft's major inspiration and invention was cosmic horror. Lovecraft has developed a cult following for his Cthulhu Mythos as well as the Necronomicon, a fictional grimoire of magical rites and forbidden lore. The History of the Necronomicon. "Original title Al Azif-azif being the word used by Arabs to designate that nocturnal sound (made by insects) suppos'd to be the howling of daemons..."

The Red Star took the comic world by storm, with its innovative storyline and gorgeous computer-generated art. Green Ronin brings this award-winning world to the d20 roleplaying System with The Red Star Campaign Setting. The epic mythology of the Soviet Union comes to life in a combination of science fiction and sorcery. While the workers and peasants of the U.R.R.S suffer

under the rule of a murderous sorcerer of incredible power, the Heroes of the Red Star struggle to rekindle the true spirit of the Revolution and to save the very souls of their people. Comic fans will thrill to the world and character details revealed, and the lavish use of Christian Gossett's inspiring art.

The zeta Aurigae stars are the rare but illustrious sub-group of binary stars that undergo the dramatic phenomenon of "chromospheric eclipse". This book provides detailed descriptions of the ten known systems, illustrates them richly with examples of new spectra, and places them in the context of stellar structure and evolution. Comprised of a large cool giant plus a small hot dwarf, these key eclipsing binaries reveal fascinating changes in their spectra very close to total eclipse, when the hot star shines through differing heights of the "chromosphere", or outer atmosphere, of the giant star. The phenomenon provides astrophysics with the means of analyzing the outer atmosphere of a giant star and how that material is shed into space. The physics of these critical events can be explained qualitatively, but it is more challenging to extract hard facts from the observations, and tough to model the chromosphere in any detail. The book offers current thinking on mechanisms for heating a star's chromosphere and on how a star loses mass, and relates this science synergistically to studies of other stars and binaries, and to the increasing relevance of contributions from new techniques in interferometry and asteroseismology. It also includes a detailed discussion of the enigmatic star epsilon Aurigae, which had recently undergone one of its very infrequent and very baffling eclipses. Though not a zeta Aurigae system, epsilon Aurigae is a true "Giant" among eclipsing stars. The 7 chapters of this book, written by a group of experts, have been carefully edited to form a coherent volume that offers a thorough overview of the subject to both professional and student.

This book collects nine related mathematical essays which will intrigue and inform. From the reviews: "The authors put their writing where their talents are, and students get to see just how alive mathematics is...there is much to commend the book. It contains plenty of interesting mathematics, often going in unusual directions. I like the diagrams; the authors have chosen mathematics that involves especially pretty ones." --THE MATHEMATICAL ASSOCIATION OF AMERICA

The Astrophotography Manual, Second Edition is for photographers ready to move beyond standard SLR cameras and editing software to create beautiful images of nebulae, galaxies, clusters, and the stars. Beginning with a brief astronomy primer, this book takes readers through the full astrophotography process, from choosing and using equipment to image capture, calibration, and processing. This combination of technical background and hands-on approach brings the science down to earth, with practical methods to ensure success. This second edition now includes: Over 170 pages of new content within 22 new chapters, with 600 full-color illustrations. Covers a wide range of hardware, including mobile devices, remote control and new technologies. Further insights into leading software, including automation, Sequence Generator Pro and PixInsight Ground-breaking practical chapters on hardware and software as well as alternative astrophotography pursuits

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