

## Nextar Owner Manual

This book is an up-to-date practical guide to the treatment of both common and unusual bacterial, fungal, and protozoal skin infections. Antibiotics and other treatment options for common skin diseases such as acne, rosacea, erysipelas, and impetigo are extensively discussed, and a thorough update is provided on therapies for fungal infections in the nails, hair, and skin. Current treatments for skin symptoms associated with sexually transmitted diseases are also explored in detail. A range of mycobacterial infections are discussed, and a further chapter considers the treatment of protozoal infections, including leishmaniasis, which are often unfamiliar to practitioners in the Western world. This handy book, with its helpful graphics and clear lists of symptoms, treatments, and practical tips, will be an ideal quick reference for the busy practitioner.

This book presents a detailed guide to hand-rearing techniques for raising young birds, providing complete coverage of a wide variety of avian species and taxonomic groups for all avian care professionals. Chapters are written by expert rehabilitation, aviculture, and zoo professionals, and include useful references and bibliographies for further reading and research. Each chapter provides valuable information on appropriate intervention, housing, feeding, and care. Hand-Rearing Birds, Second Edition presents 50 chapters, including 12 new chapters on species or groups of species not featured in the previous edition. It also features color photographs that help illustrate many concepts pertinent to birds. This important reference: Offers a detailed guide to hand-rearing techniques including species-specific guides to caring for and raising young birds Covers a wide variety of avian species and taxonomic groups Discusses how to examine a chick to identify problems such as hypothermia, dehydration, injuries, and common diseases, and what to do Combines information on the science and skill needed to successfully hand-rear birds Presents full-color photographs throughout Hand-Rearing Birds, Second Edition is an essential resource for avian rehabilitators, breeders, veterinarians, and zoo staff.

A guide to viewing stars, the moon, planets, meteors, comets, and aurora through binoculars. Features a foreword by renowned astronomer and writer David Levy. Includes a complete guide to current binocular brands and models and explains what to look for in each season.

The 2021 edition of The New York Times Bestselling Guide. PLAY BALL! The 26th edition of this industry-leading baseball annual contains all of the important statistics, player predictions and insider-level commentary that readers have come to expect, along with significant improvements to several statistics that were created by, and are exclusive to, Baseball Prospectus, and an expanded focus on international players and teams. Baseball Prospectus 2021 provides

fantasy players and insiders alike with prescient PECOTA projections, which The New York Times called “the überforecast of every player’s performance.” With more than 50 Baseball Prospectus alumni currently working for major-league baseball teams, nearly every organization has sought the advice of current or former BP analysts, and readers of Baseball Prospectus 2021 will understand why!

with foreword by Michael X. Delli Carpini, Annenberg School for Communication, University of Pennsylvania, USA This book critiques U.S. public policy about communication and offers guidelines to improve public safety and create strong democratic communities. The lack of effective emergency communication, basic information about health care, education, jobs and the economy, and civic life is at a crisis state, creating problems for the whole community, not just a vulnerable few. The Communications Crisis in America is not because of changing markets or new technology, it is the failure of public policy. The authors include economists, sociologists, journalists, lawyers and a diverse group of media and communication scholars, all offering an urgent call to action and difficult, but achievable steps forward.

After her nightmarish recovery from a serious car accident, Faye gets horrible news from her doctor, and it hits her hard like a rock: she can’t bear children. In extreme shock, she breaks off her engagement, leaves her job and confines herself in her family home. One day, she meets her brother’s best friend , and her soul makes a first step to healing. Covering both homemade and commercial products, this book provides the reader with simple and straightforward information about the modeling, building, and use of binoscopes. Binoscopes can be thought of as binoculars enlarged to the size of telescopes - essentially, a combination of the two. Constructing a binoscope is easier than most people think, but it still demands attention to detail and proper background knowledge. The author goes on to provide additional information about the products currently on the market, should the reader choose to purchase one instead of building it. Lastly, the book also compares binoscopes with telescopes in great detail, outlining the differences the reader can expect to see in the night sky from using both. The celestial views obtained with a binoscope, compared to a single telescope of the same aperture, are a very different experience. The new edition emphasizes the obvious advantages of viewing celestial objects through a binoscope. There are also many new photos and additional information on the latest equipment and some very special and rare equipment a collector might be interested in. Newly added cartoons and additional images of beautiful deep sky objects in each of the chapters makes reading the book a more enjoyable experience. Finally, there is a new comet discovery form and guide to follow for such discoveries, and a complete list of Messier objects for those interested in searching for these.

The Provocative and Practical Guide to Coaching Agile Teams As an agile coach, you can help project teams become outstanding at agile, creating products that make them proud and helping organizations reap the powerful benefits of teams that deliver both innovation and excellence. More and more frequently, ScrumMasters and project managers are being asked to coach agile teams. But it’s a challenging role. It requires new skills—as well as a subtle understanding of when to step in and when to step back.

Migrating from “command and control” to agile coaching requires a whole new mind-set. In *Coaching Agile Teams*, Lyssa Adkins gives agile coaches the insights they need to adopt this new mind-set and to guide teams to extraordinary performance in a re-energized work environment. You'll gain a deep view into the role of the agile coach, discover what works and what doesn't, and learn how to adapt powerful skills from many allied disciplines, including the fields of professional coaching and mentoring. Coverage includes Understanding what it takes to be a great agile coach Mastering all of the agile coach's roles: teacher, mentor, problem solver, conflict navigator, and performance coach Creating an environment where self-organized, high-performance teams can emerge Coaching teams past cooperation and into full collaboration Evolving your leadership style as your team grows and changes Staying actively engaged without dominating your team and stunting its growth Recognizing failure, recovery, and success modes in your coaching Getting the most out of your own personal agile coaching journey Whether you're an agile coach, leader, trainer, mentor, facilitator, ScrumMaster, project manager, product owner, or team member, this book will help you become skilled at helping others become truly great. What could possibly be more rewarding?

Of the thousands of novel compounds that a drug discovery project team invents and that bind to the therapeutic target, only a fraction have sufficient ADME (absorption, distribution, metabolism, elimination) properties, and acceptable toxicology properties, to become a drug product that will successfully complete human Phase I clinical trials. *Drug-Like Properties: Concepts, Structure Design and Methods from ADME to Toxicity Optimization, Second Edition*, provides scientists and students the background and tools to understand, discover, and develop optimal clinical candidates. This valuable resource explores physiochemical properties, including solubility and permeability, before exploring how compounds are absorbed, distributed, and metabolized safely and stably. Review chapters provide context and underscore the importance of key concepts such as pharmacokinetics, toxicity, the blood-brain barrier, diagnosing drug limitations, prodrugs, and formulation. Building on those foundations, this thoroughly updated revision covers a wide variety of current methods for the screening (high throughput), diagnosis (medium throughput) and in-depth (low throughput) analysis of drug properties for process and product improvement. From conducting key assays for interpretation and structural analysis, the reader learns to implement modification methods and improve each ADME property. Through valuable case studies, structure-property relationship descriptions, and structure modification strategies, *Drug-Like Properties, Second Edition*, offers tools and methods for ADME/Tox scientists through all aspects of drug research, discovery, design, development, and optimization. Provides a comprehensive and valuable working handbook for scientists and students in medicinal chemistry Includes expanded coverage of pharmacokinetics fundamentals and effects Contains updates throughout, including the authors' recent work in the importance of solubility in drug development; new and currently used property methods, with a reduction of seldom-used methods; and exploration of computational modeling methods

With its wealth of information on how technique can be tastefully applied, *Back-Up Banjo* is the definitive book on the subject of banjo accompaniment. Since a banjo player in a band plays accompaniment at least 75% of the time, it is extremely important to master playing in this style. Janet Davis offers specific suggestions for accompanying a vocalist or instrumentalist in a variety of

styles- and then provides musical examples illustrating her points. Janet breaks her concepts down into their basic components, making them crystal clear in lay terms. The various back-up techniques are separated into categories determined by song tempo, by lead instrument being accompanied, and by the area of the fingerboard in which the chords are being played. In notation and tablature. This set includes a companion 2-CD set which demonstrates the examples in the book.

The touchstone for contemporary stargazers. This classic, groundbreaking guide has been the go-to field guide for both beginning and experienced amateur astronomers for nearly 30 years. The fourth edition brings Terence Dickinson and Alan Dyer's invaluable manual completely up-to-date. Setting a new standard for astronomy guides, it will serve as the touchstone for the next generation of stargazers as well as longtime devotees. Technology and astronomical understanding are evolving at a breathtaking clip, and to reflect the latest information about observing techniques and equipment, this massively revised and expanded edition has been completely rebuilt (an additional 48 pages brings the page count to 416). Illustrated throughout with all-new photographs and star charts, this edition boasts a refreshed design and features five brand-new chapters, including three essential essays on binocular, telescope and Moon tours by renowned astronomy writer Ken Hewitt-White. With new content on naked-eye sky sights, LED lighting technology, WiFi-enabled telescopes and the latest advances in binoculars, telescopes and other astronomical gear, the fourth edition of *The Backyard Astronomer's Guide* is sure to become an indispensable reference for all levels of stargazers. New techniques for observing the Sun, the Moon and solar and lunar eclipses are an especially timely addition, given the upcoming solar eclipses in 2023 and 2024. Rounding out these impressive offerings are new sections on dark sky reserves, astro-tourism, modern astrophotography and cellphone astrophotography, making this book an enduring must-have guide for anyone looking to improve his or her astronomical viewing experience. *The Backyard Astronomer's Guide* also features a foreword by Dr. Sara Seager, a Canadian-American astrophysicist and planetary scientist at the Massachusetts Institute of Technology and an internationally recognized expert in the search for exoplanets.

For the past sixty years, the U.S. government has assumed that Japan's security policies would reinforce American interests in Asia. The political and military profile of Asia is changing rapidly, however. Korea's nuclear program, China's rise, and the relative decline of U.S. power have commanded strategic review in Tokyo just as these matters have in Washington. What is the next step for Japan's security policy? Will confluence with U.S. interests—and the alliance—survive intact? Will the policy be transformed? Or will Japan become more autonomous? Richard J. Samuels demonstrates that over the last decade, a revisionist group of Japanese policymakers has consolidated power. The Koizumi government of the early 2000s took bold steps to position Japan's military to play a global security role. It left its successor, the Abe government, to further define and legitimate Japan's new grand strategy, a project well under way—and vigorously contested both at home and in the region. Securing Japan begins by tracing the history of Japan's grand strategy—from the Meiji rulers, who recognized the intimate connection between economic success and military advance, to the Konoye consensus that led to Japan's defeat in World War II and the postwar compact with the United States. Samuels shows how the ideological connections across these wars and agreements help explain today's debate. He then

explores Japan's recent strategic choices, arguing that Japan will ultimately strike a balance between national strength and national autonomy, a position that will allow it to exist securely without being either too dependent on the United States or too vulnerable to threats from China. Samuels's insights into Japanese history, society, and politics have been honed over a distinguished career and enriched by interviews with policymakers and original archival research. *Securing Japan* is a definitive assessment of Japanese security policy and its implications for the future of East Asia.

A New York Times Bestseller A Washington Post Notable Nonfiction Book of 2020 Named a Best Book of 2020 by NPR  
“A fascinating scientific, cultural, spiritual and evolutionary history of the way humans breathe—and how we’ve all been doing it wrong for a long, long time.” —Elizabeth Gilbert, author of *Big Magic* and *Eat Pray Love*  
No matter what you eat, how much you exercise, how skinny or young or wise you are, none of it matters if you’re not breathing properly. There is nothing more essential to our health and well-being than breathing: take air in, let it out, repeat twenty-five thousand times a day. Yet, as a species, humans have lost the ability to breathe correctly, with grave consequences. Journalist James Nestor travels the world to figure out what went wrong and how to fix it. The answers aren’t found in pulmonology labs, as we might expect, but in the muddy digs of ancient burial sites, secret Soviet facilities, New Jersey choir schools, and the smoggy streets of São Paulo. Nestor tracks down men and women exploring the hidden science behind ancient breathing practices like Pranayama, Sudarshan Kriya, and Tummo and teams up with pulmonary tinkerers to scientifically test long-held beliefs about how we breathe. Modern research is showing us that making even slight adjustments to the way we inhale and exhale can jump-start athletic performance; rejuvenate internal organs; halt snoring, asthma, and autoimmune disease; and even straighten scoliotic spines. None of this should be possible, and yet it is. Drawing on thousands of years of medical texts and recent cutting-edge studies in pulmonology, psychology, biochemistry, and human physiology, *Breath* turns the conventional wisdom of what we thought we knew about our most basic biological function on its head. You will never breathe the same again.

An authoritative and entertaining exploration of Australia’s distinctive birds and their unheralded role in global evolution  
Renowned for its gallery of unusual mammals, Australia is also a land of extraordinary birds. But unlike the mammals, the birds of Australia flew beyond the continent’s boundaries and around the globe many millions of years ago. This eye-opening book tells the dynamic but little-known story of how Australia provided the world with songbirds and parrots, among other bird groups, why Australian birds wield surprising ecological power, how Australia became a major evolutionary center, and why scientific biases have hindered recognition of these discoveries. From violent, swooping magpies to tool-making cockatoos, Australia’s birds are strikingly different from birds of other lands—often more intelligent and aggressive, often larger and longer-lived. Tim Low, a renowned biologist with a rare storytelling gift, here

presents the amazing evolutionary history of Australia's birds. The story of the birds, it turns out, is inseparable from the story of the continent itself and also the people who inhabit it.

Here is a one-volume guide to just about everything computer-related for amateur astronomers! Today's amateur astronomy is inextricably linked to personal computers. Computer-controlled "go-to" telescopes are inexpensive. CCD and webcam imaging make intensive use of the technology for capturing and processing images. Planetarium software provides information and an easy interface for telescopes. The Internet offers links to other astronomers, information, and software. The list goes on and on. Find out here how to choose the best planetarium program: are commercial versions really better than freeware? Learn how to optimise a go-to telescope, or connect it to a lap-top. Discover how to choose the best webcam and use it with your telescope. Create a mosaic of the Moon, or high-resolution images of the planets... Astronomy with a Home Computer is designed for every amateur astronomer who owns a home computer, whether it is running Microsoft Windows, Mac O/S or Linux. It doesn't matter what kind of telescope you own either - a small refractor is just as useful as a big "go-to" SCT for most of the projects in this book.

Welcome to the proceedings of ICCHP 2008. We were proud to welcome participants from more than 40 countries from all continents to ICCHP. The International Programme Committee, encompassing 102 experts from all over the world, selected 150 full and 40 short papers out of 360 abstracts submitted to ICCHP. Our acceptance rate of about half of the submissions, demonstrates the scientific quality of the programme and in particular the proceedings you have in your hands. An impressive group of experts agreed to organize "Special Thematic Sessions" (STS) for ICCHP 2008. The existence of these STS sessions helped to bring the meeting into sharper focus in several key areas of assistive technology. In turn, this deeper level of focus helped to bring together the state-of-the-art and mainstream technical, social, cultural and political developments. Our keynote speaker, Jim Fruchterman from BeneTech, USA highlighted the importance of giving access to ICT and AT at a global level. In another keynote by Harold Thimbleby, Swansea University, UK, the role of user-centred design and usability engineering in assistive technology and accessibility was addressed. And finally, a combination keynote and panel discussion was reserved for WAI/WCAG2.0, which we expect to be the new reference point for Web accessibility from the summer of 2008 and beyond.

This book serves as a comprehensive guide for using a Nexstar Evolution mount with WiFi SkyPortal control, walking the reader through the process for aligning and operating the system from a tablet or smartphone. The next generation Go-To mount from Celestron, this is compatible not only with the Nextstar Evolution but also with older mounts. It is the ideal resource for anyone who owns, or is thinking of owning, a Nexstar Evolution telescope, or adapting their existing Celestron mount. Pros and cons of the system are thoroughly covered with a critical depth that addresses any possible

question by users. Beginning with a brief history of Go-To telescopes and the genesis of this still new technology, the author covers every aspect of the newly expanding capability in observing. This includes the associated Sky Portal smartphone and tablet application, the transition from the original Nexstar GoTo system to the new SkyPortal system, the use of the Sky Portal application with its Sky Safari 4 basic software and Celestron WiFi adaptations, and discussions on the use of SkyPortal application using the Celestron adapter on older Celestron mounts. Comments and recommendations for equipment enable the reader to successfully use and appreciate the new WiFi capability without becoming overwhelmed. Extensively illustrated using actual screenshots from the program interface, this is the only guide to the Nextstar SkyPortal an observer will need.

Since the dawn of creation, man has designed maps to help identify the space that we occupy. From Lewis and Clark's pencil-sketched maps of mountain trails to Jacques Cousteau's sophisticated charts of the ocean floor, creating maps of the utmost precision has been a constant pursuit. So why should things change now? Well, they shouldn't. The reality is that map creation, or "cartography," has only improved in its ease-of-use over time. In fact, with the recent explosion of inexpensive computing and the growing availability of public mapping data, mapmaking today extends all the way to the ordinary PC user. *Mapping Hacks*, the latest page-turner from O'Reilly Press, tackles this notion head on. It's a collection of one hundred simple--and mostly free--techniques available to developers and power users who want draw digital maps or otherwise visualize geographic data. Authors Schuyler Erle, Rich Gibson, and Jo Walsh do more than just illuminate the basic concepts of location and cartography, they walk you through the process one step at a time. *Mapping Hacks* shows you where to find the best sources of geographic data, and then how to integrate that data into your own map. But that's just an appetizer. This comprehensive resource also shows you how to interpret and manipulate unwieldy cartography data, as well as how to incorporate personal photo galleries into your maps. It even provides practical uses for GPS (Global Positioning System) devices--those touch-of-a-button street maps integrated into cars and mobile phones. Just imagine: If Captain Kidd had this technology, we'd all know where to find his buried treasure! With all of these industrial-strength tips and tools, *Mapping Hacks* effectively takes the sting out of the digital mapmaking and navigational process. Now you can create your own maps for business, pleasure, or entertainment--without ever having to sharpen a single pencil.

This book is based around the author's beautiful and sometimes awe-inspiring color images and mosaics of deep-sky objects. The book describes how similar "Hubble class" images can be created by amateur astronomers in their back garden using commercially available telescopes and CCD cameras. Subsequent processing and image enhancement in the "electronic darkroom" is covered in detail as well. A range of telescopes and equipment is considered, from the author's 11-inch with Hyperstar camera, down to more affordable instruments.

Appendices provide links to free software – not available from a single source – and are themselves an invaluable resource.

Michael Swanson's online discussions with literally thousands of NexStar owners made it clear that there was a desperate need for a book such as this – one that provides a complete, detailed guide to buying, using and maintaining NexStar telescopes. Although this book is highly comprehensive, it is suitable for beginners – there is a chapter on "Astronomy Basics" – and experts alike. Celestron's NexStar telescopes were introduced in 1999, beginning with their first computer controlled "go to" model, a 5-inch. More models appeared in quick succession, and Celestron's new range made it one of the two dominant manufacturers of affordable "go to" telescopes.

'Janey is like a whirlwind of selflessness. A beautiful spirit in a beautiful country doing a beautiful thing. I encourage my children to be more 'Janey'. With more positive spirits like Janey, the world would be a better place.' - Ben Fogle In 2014 and in her mid-twenties, Janey Lowes had been a vet for just two years when she left her home in County Durham and went travelling. Visiting Sri Lanka, she was horrified to see the state of so many of the island's dogs, in particular the three million strays. Over 5,000 miles from home, Janey decided there and then that she was going to move to the island indefinitely and do everything within her power to help them. She raised £10,000 to get started, setting up a charity called WECare Worldwide, and began work. Frightened, determined and excited all at the same time, she found a local who was willing to work with her and began scouring the streets for dogs in need. Some she patched up as best she could at the roadside, others she brought back and treated in a make-shift surgery she had cobbled together in her new home. With very little equipment, she and her small team came up with new and ingenious ways to treat the animals. In this highly inspiring and heartfelt book full of challenges and adventure, Janey introduces us to her world and the tireless work she carries out. As she says, 'I feel as though all these dogs are my dogs and I have a responsibility to them.' In it, we meet many of the colourful characters who have come to offer help, along with innumerable street dogs who have suffered all sorts of trauma and injury, only to be scooped up by Janey and her team and saved.

Choosing and Using the New CAT will supersede the author's successful Choosing and Using a Schmidt-Cassegrain Telescope, which has enjoyed enthusiastic support from the amateur astronomy community for the past seven years. Since the first book was published, a lot has changed in the technology of amateur astronomy. The sophistication and variety of the telescopes available to amateurs has increased dramatically. Computerized SCTs, Maksutov-Cassegrains, and most recently Meade's new and acclaimed Ritchey-Chrétien's have come to dominate the market. That means that all amateurs considering the purchase of a new telescope (not only a SCT, and not just beginners) will benefit from this detailed guide. Choosing the right telescope for particular kinds of observation (or even for general work) is far from easy – but Rod Mollise gives invaluable advice and guidance.

Possoms are familiar to many Australians, often taking up residence in our gardens and homes. It is the Common Brushtail Possum, the most abundant and widespread species, which most people know, but this is the first book devoted to describing the natural history of the 'larger' possums of Australia, the 13 species belonging to the Brushtail and Ringtail families, including the Greater Glider and the Cuscus.

In this book Astronomy Magazine editor Michael Bakich presents all the information you'll need to be ready for the total solar eclipse that will cross the United States on August 21, 2017. In this one resource you'll find out where the eclipse will occur, how to observe it safely, what you'll experience during the eclipse, the best equipment to choose, how to photograph the event, detailed weather forecasts for locations where the Moon's shadow will fall, and much more. Written in easy-to-understand language (and with a glossary for those few terms you may not be familiar with), this is the must-have reference for this unique occurrence. It's not a stretch to say that this eclipse will prove to be the most viewed sky event in history. That's why even now, more than a year before the eclipse, astronomy clubs, government agencies,

cities — even whole states — are preparing for the unprecedented onslaught of visitors whose only desire is to experience darkness at midday. Bakich informs observers what anyone will need to observe, enjoy, and understand this event.

Suffering is an unavoidable reality in health care. Not only are patients and families suffering but also the clinicians who care for them. Commonly the suffering experienced by clinicians is moral in nature, in part a reflection of the increasing complexity of health care, their roles within it, and the expanding range of available interventions. Moral suffering is the anguish that occurs when the burdens of treatment appear to outweigh the benefits; scarce human and material resources must be allocated; informed consent is incomplete or inadequate; or there are disagreements about goals of treatment among patients, families or clinicians. Each is a source of moral adversity that challenges clinicians' integrity: the inner harmony that arises when their essential values and commitments are aligned with their choices and actions. If moral suffering is unrelieved it can lead to disengagement, burnout, and undermine the quality of clinical care. The most studied response to moral adversity is moral distress. The sources and sequelae of moral distress, one type of moral suffering, have been documented among clinicians across specialties. It is vital to shift the focus to solutions and to expanded individual and system strategies that mitigate the detrimental effects of moral suffering. Moral resilience, the capacity of an individual to restore or sustain integrity in response to moral adversity, offers a path forward. It encompasses capacities aimed at developing self-regulation and self-awareness, buoyancy, moral efficacy, self-stewardship and ultimately personal and relational integrity. Clinicians and healthcare organizations must work together to transform moral suffering by cultivating the individual capacities for moral resilience and designing a new architecture to support ethical practice. Used worldwide for scalable and sustainable change, the Conscious Full Spectrum approach, offers a method to solve problems to support integrity, shift patterns that undermine moral resilience and ethical practice, and source the inner potential of clinicians and leaders to produce meaningful and sustainable results that benefit all.

The essential introduction to the theory and application of linear models—now in a valuable new edition Since most advanced statistical tools are generalizations of the linear model, it is necessary to first master the linear model in order to move forward to more advanced concepts. The linear model remains the main tool of the applied statistician and is central to the training of any statistician regardless of whether the focus is applied or theoretical. This completely revised and updated new edition successfully develops the basic theory of linear models for regression, analysis of variance, analysis of covariance, and linear mixed models. Recent advances in the methodology related to linear mixed models, generalized linear models, and the Bayesian linear model are also addressed. *Linear Models in Statistics, Second Edition* includes full coverage of advanced topics, such as mixed and generalized linear models, Bayesian linear models, two-way models with empty cells, geometry of least squares, vector-matrix calculus, simultaneous inference, and logistic and nonlinear regression. Algebraic, geometrical, frequentist, and Bayesian approaches to both the inference of linear models and the analysis of variance are also illustrated. Through the expansion of relevant material and the inclusion of the latest technological developments in the field, this book provides readers with the theoretical foundation to correctly interpret computer software output as well as effectively use, customize, and understand linear

models. This modern Second Edition features: New chapters on Bayesian linear models as well as random and mixed linear models Expanded discussion of two-way models with empty cells Additional sections on the geometry of least squares Updated coverage of simultaneous inference The book is complemented with easy-to-read proofs, real data sets, and an extensive bibliography. A thorough review of the requisite matrix algebra has been added for transitional purposes, and numerous theoretical and applied problems have been incorporated with selected answers provided at the end of the book. A related Web site includes additional data sets and SAS® code for all numerical examples. Linear Model in Statistics, Second Edition is a must-have book for courses in statistics, biostatistics, and mathematics at the upper-undergraduate and graduate levels. It is also an invaluable reference for researchers who need to gain a better understanding of regression and analysis of variance.

I am an engineer and like to solve problems. I also like Astronomy. Like I say in my second book, this is not a book about Astronomy though. There are many good books about beginning Astronomy and learning the night sky. This book is about common problems you may run into when starting Astronomy with a new telescope. It specifically addresses some items you may run into when setting up and using a Celestron NexStar 8se telescope, which is a great telescope for pursuing Astronomy. Some items covered for the Celestron NexStar 8se telescope also apply to other Celestron telescope models. This is not intended to be a replacement for your manual. Be sure to follow the manual as much as possible. This book contains helpful information that is not detailed in the manual that will hopefully save you some time and frustration. The format of this book is simple. It contains a list of questions with a discussion of how to resolve the problem at hand.

On an afternoon in the early summer of 1856 Captain Nathaniel Plum, master and owner of the sloop Typhoon was engaged in nothing more important than the smoking of an enormous pipe. Clouds of strongly odored smoke, tinted with the lights of the setting sun, had risen above his head in unremitting volumes for the last half hour. There was infinite contentment in his face, notwithstanding the fact that he had been meditating on a subject that was not altogether pleasant. But Captain Plum was, in a way, a philosopher, though one would not have guessed this fact from his appearance. He was, in the first place, a young man, not more than eight or nine and twenty, and his strong, rather thin face, tanned by exposure to the sea, was just now lighted up by eyes that shone with an unbounded good humor which any instant might take the form of laughter.

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