

Technical Data Schmidt Compact Sweeper Swingo 200

Nebulae, star clusters, and galaxies are outside our solar system. They belong to the 'deep sky' and lead the observer to great distances and at the same time the view goes far into the past. The light of the most distant galaxies took billions of years to reach us. No less fascinating is our home galaxy, the Milky Way, offering many bright nebulae and star clusters. The book covers three important topics related to deep-sky objects: history, astrophysics, and observation. When beginners observe an object visually, not knowing anything about it, they will only perceive a faint spot of light - nothing really exciting. So, to get the right 'cosmic' feeling, the view should be enriched with stories about the object's discovery, distance, physical nature, or evolution. Supplied with this kind of information, deep-sky observing becomes a fascinating activity - braving the cold and darkness. Over time, advanced fields such as observation techniques or astrophotography come into play. The book informs the reader about all these topics and offers a comprehensive collection of interesting targets.

This volume contains state-of-the-art research papers on adaptive optics used outside the usual astronomical and military applications. It is the first book to cover this new area of research. One of the main industrial applications is in the control of laser wavefronts, and the book contains papers on both intra- and extra-laser cavity correction. The measurement and control of ocular aberrations is the major medical application, and the topics are discussed by leading researchers in the field. Papers on adaptive optics components specifically for non-astronomical systems are also presented. Other topics include laser communications, microscopy and low-cost systems.

Market: Researchers and technicians in vacuum science, and those interested in the field. This comprehensive overview of the groundbreaking work in vacuum science from 1910 to 1960 presents original biographies of the scientists and engineers at the vanguard of vacuum technology. It also features papers now regarded as milestones. Among these are Saul Dushman's "Theory and Use of the Molecular Gauge" (1915), Pieter Clausing's "The Flow of Highly Rarefied Gases through Tubes of Arbitrary Length" (1932), and L.D. Hall's "Electronic Ultra-High Vacuum Pump" (1932).

In this book, Yoshimura provides a review of the UHV related development during the last decades. His very broad experience in the design enables him to present us this detailed reference. After a general description how to design UHV systems, he covers all important issue in detail, like pumps, outgasing, Gauges, and Electrodes for high voltages. Thus, this book serves as reference for everybody using UVH in scientific equipment.

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

First published in 1999, this is an expanded and updated edition of the best-selling, standard handbook on astrophotography for amateurs. Scientific and Technical Aerospace Reports Technical Data Digest Bucher Industries AG and Johnston Sweepers Limited A Report on the Acquisition by Bucher Industries AG of Johnston Sweepers Limited Stationery Office/Tso

Astronomy and Astrophysics Abstracts aims to present a comprehensive documentation of the literature concerning all aspects of astronomy, astrophysics, and their border fields. It is devoted to the recording, summarizing, and indexing of the relevant publications

throughout the world. Astronomy and Astrophysics Abstracts is prepared by a special department of the Astronomisches Rechen-Institut under the auspices of the International Astronomical Union. Volume 39 records literature published in 1985 and received before August 15, 1985. Some older documents which we received late and which are not surveyed in earlier volumes are included too. We acknowledge with thanks contributions of our colleagues all over the world. We also express our gratitude to all organizations, observatories, and publishers which provide us with complimentary copies of their publications. On account of the introduction of an object index the scope of index information will be considerably enlarged beginning with this volume. In connection with the subject index an additional source to satisfy the needs of retrieval is opened up. Starting with Volume 33, all the recording, correction, and data processing work was done by means of computers. The recording was done by our technical staff members Ms. Helga Ballmann, Ms. Mona El-Choura, Ms. Monika Kohl, Ms. Sylvia Matyssek, Ms. Karin Burkhardt, Ms. Susanne Schlotelburg, and Mr. Stefan Wagner supported our task by careful proofreading. It is a pleasure to thank them all for their encouragement. Heidelberg, September 1985 The Editors Contents Introduction

The humor and innocence of the United States Navy Sailor is captured in the unique and sportive tales of a salty master chief set in the final quarter of the twentieth century. Sweepers sweepers man your brooms is a phrase readily recognized by any Sailor who ever woke up on a United States Navy ship. In his Navy memoirs Retired Navy Master Chief Jeff Zahratka, a twenty six year veteran chronicles rich adventures that carry the reader to exotic settings from Karachi Pakistan to Severmorsk Russia. Sweepers Sweepers is a colorful story with uncanny notice of the odd occurrences that take place between the life lines of Navy ships and isolated shore establishments not a story about bombs, battles, or spectacular explosions, Sweepers Sweepers Man Your Brooms is his story about how people of great diversity coexist in eighty-man bedrooms while living out of devices known as coffin lockers. Consistently found in the effectuation of extraordinary events, the ubiquitous American Sailor may be found crawling through garbage in an equatorial Shellback initiation or baring their derrieres at a Soviet aircraft carrier while traversing the Cape of Good Hope. He may be discovered in hand to hand combat, not with a human enemy manned up at a fire control console on an Aegis cruiser, but with a toilet brush in a Greek hotel room, fighting to the death with a mutated species of an ancient Hellenic centipede. The author fails miserably at camouflaging his affection for the city of Pittsburgh and his long time devotion to their high powered sports teams. He provides many insightful moments relating to being a fan from afar through some of the greatest years in Steeler and Pirate sports history. The story is a rich and historically accurate account of a caste of characters from seaman recruits with attitudes honed on tough urban streets, to brown juice spitting good ole boys that learned to love the sea. There are associations and first hand opinions on the actions of young naval officers who today are among the top ranking leaders of the force. Sweepers Sweepers Man Your Brooms is a tapestry of the social morays, historical events, and military technologies that define the character of the Navy for the last thirty years. The reader will experience sufficient history to educate, and an infusion of personal opinion which will serve as a catalyst for debate. Above all; however, the story will remind Americans why they love Sailors, and remind old Sailors of why they love the Navy. Amateur astronomy is becoming increasingly popular, mostly because of the availability of relatively low-cost astronomical telescopes such as the Schmidt-Cassegrain and Maksutovs. The author describes what these instruments will do, how to use them, and which are the best - he draws on 25-years of experience with telescopes. There are sections on accessories, observing techniques, and hints and tips on: cleaning, collimating, maintaining the telescope, mounting, using the telescope in various conditions, computer control, and imaging (wet, digital and CCD). This is the perfect book for amateur astronomers who are about to invest in a new Schmidt-Cassegrain or Maksutov telescope, or for those who already have one and want to get the most out of it.

