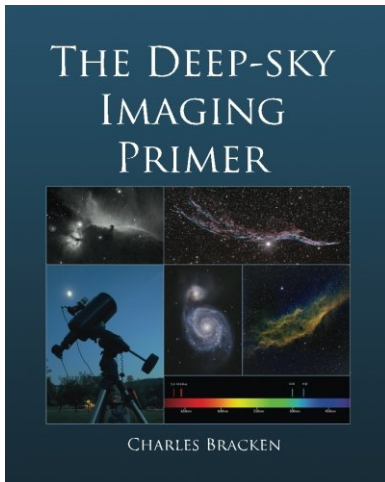


[PDF] The Deep-sky Imaging Primer

Charles Bracken - pdf download free book



Books Details:

Title: The Deep-sky Imaging Primer

Author: Charles Bracken

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Description:

The Deep-sky Imaging Primer covers almost everything you need to know to create beautiful deep-sky images with a DSLR or an astronomical CCD camera. This textbook is printed in full-color, with over 90,000 words and nearly 200 images and illustrations. The book does not shy away from the technical details where they are important, but the focus is on practical advice for the amateur. Both narrowband and standard color imaging techniques are covered. Exercise questions are provided to reinforce the material being covered, and the final chapters contain two start-to-finish image processing examples.

The book is structured in three sections:

1. The first section, **Understanding Images**, covers with the fundamentals of signal and noise and how electronic imaging sensors work, laying the foundation

- for understanding the “whys” behind many equipment and processing choices.
2. The second section, **Acquiring Images**, reviews all of the equipment involved in imaging--cameras, mounts, and optics--and how to use them. Focusing and autoguiding are covered in detail, as are the critical concepts of image scale and sampling.
 3. The third section is about **Processing Images**. Calibration and post-processing are explained with numerous examples. The chapters break the image processing workflow into phases, with the tools and techniques for each thoroughly covered.

If you’ve ever looked at beautiful deep-sky images and thought, “I wish I could do that,” then this book is for you!

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Title: The Deep-sky Imaging Primer, 2nd Edition - Imaging the Universe with a Digital Camera Author(s): Charles Bracken Other Info: 8.5" by 11.0", 238 pages, Paperback, 1.5 lb item wt. The second edition of The Deep-sky Imaging Primer is a substantial update to the first edition, with revised and expanded text and over 325 illustrations. Printed in full color, it covers everything you need to know to capture stunning images of deep-sky objects with a DSLR or CCD camera: The fundamental concepts of imaging and their impact on the final image. How to pick a telescope and camera. How to The Deep-sky Imaging Primer book. Read 2 reviews from the world's largest community for readers. I've always been interested in photographing the night sky. But, roadblocks kept getting in my way. The primary one was the equipment I had was not well suited to the task. So I put it aside for years. Now, technology has taken it from very difficult to merely difficult. I think I can handle difficult. This book gives a good overview of the required equipment and techniques to get started. It is readable and it covers all the required ground. The only drawbacks are that the screenshots are a bit I've always been interested in photographing the night sky. Buy The Deep-sky Imaging Primer on Amazon.com "FREE SHIPPING on qualified orders. The author certainly has abundant knowledge and experience, and perhaps by more closely defining a target audience he could satisfy either type of reader more deeply. Nevertheless, despite my complaints, this is actually a high quality book full of useful information, and I recommend it to any serious enthusiast. Read more. 22 people found this helpful. Helpful. Comment Report abuse.