



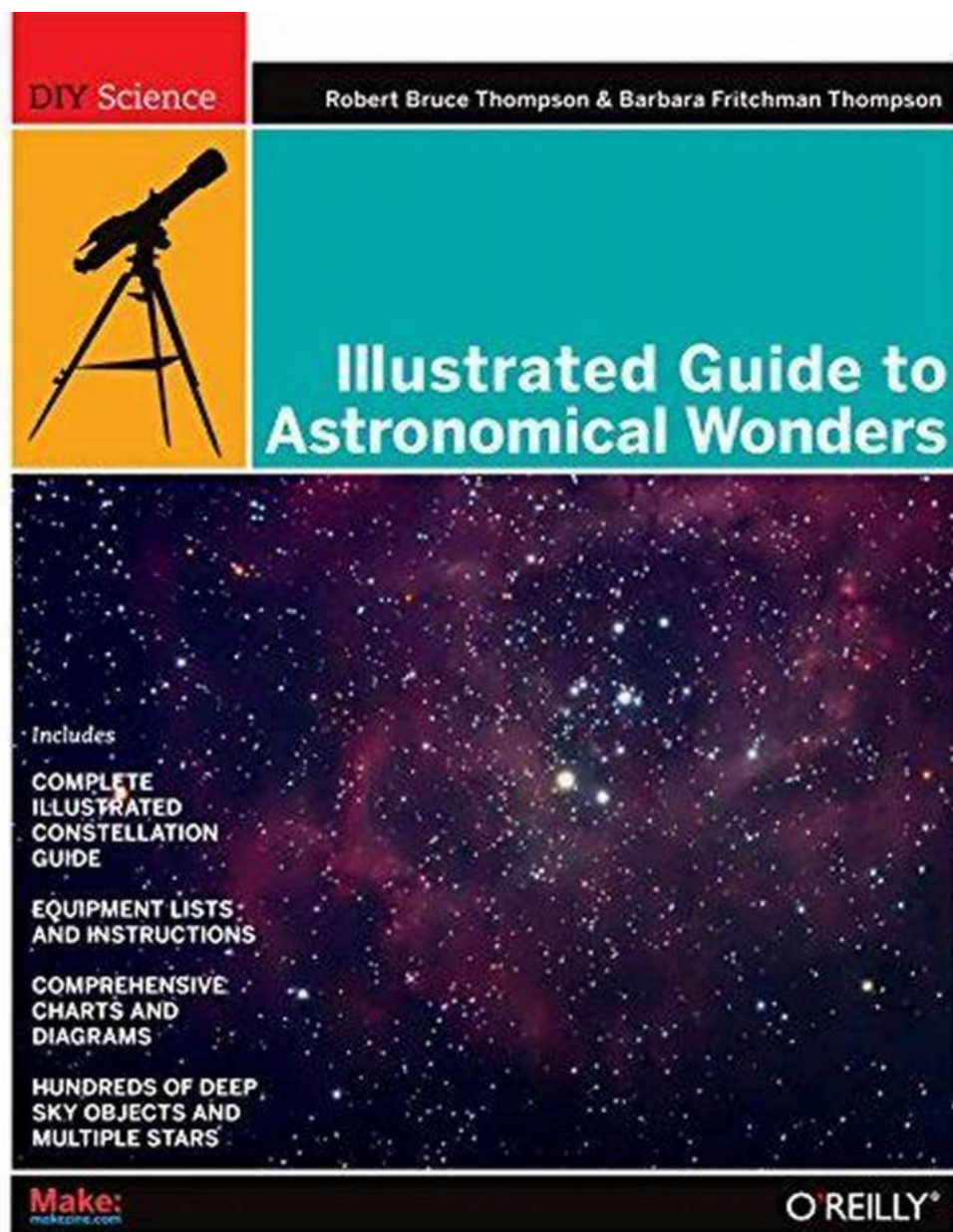
Discover the Breathtaking Splendor of the Universe with Our Illustrated Guide to Astronomical Wonders!

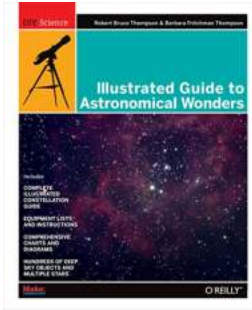
The Mysteries of Outer Space Unveiled

<p>DIY Science</p>		<p>Robert Bruce Thompson & Barbara Fritchman Thompson</p>	
	<h2 style="margin: 0;">Illustrated Guide to Astronomical Wonders</h2> <p style="margin: 0;">With capable, high-quality telescopes now available for as little as \$250, amateur astronomy is peaking again. If you want to join the fun, this is the ideal book to get you started. The Illustrated Guide to Astronomical Wonders explains the equipment you need, right away, and describes how and where to find hundreds of spectacular objects in the night sky—beautiful multiple stars, spectacular star clusters, nebulae, galaxies, and more.</p>		
<p>You learn</p> <ul style="list-style-type: none"> • Fundamental concepts and terminology of astronomy • How to choose, buy, and use the equipment you need • How to read star charts and locate objects in the night sky • Which objects to look for every night of the year in 50 constellations • How to find these objects and what they look like 	<p>This book is perfect for amateur astronomers, students, teachers, or anyone who's ready to dive into this rewarding hobby. Designed to be read in the field under red lighting used by astronomers to preserve night vision, the Illustrated Guide to Astronomical Wonders includes recommended observing targets for beginners and intermediate stargazers alike.</p> <p>Discover what awaits you in the night sky. Who knows? Maybe you'll find a new object. On a clear cold night in January 2004, amateur astronomer Jay McNeil spotted an unprecedented celestial object near Orion, now called <i>McNeil's Nebula</i>.</p>		<p>The objects in this book were chosen to help you meet the requirements for several high-impact awards granted by the Astronomical League and the Royal Astronomical Society of Toronto, including:</p> <ul style="list-style-type: none"> • Messier Club • Binocular Messier Club • Urban Stargazing Club • Deep Sky Observer Club • Double Star Club • RASC Field/NGC List <p>Completing the list is a particular observing IAS 500-hour project also in a member of the Astronomical League or RASC. In all cases, we can provide a certificate and, in some cases, a paper pin.</p>
<p>US \$29.99 CAN \$35.99</p>  <p>ISBN 30: 0-309-12-883-7 ISBN 13: 978-0-309-12480-6</p>		<p>Robert Bruce Thompson and Barbara Fritchman Thompson are former authors of the All About the Family PC and PC Hardware magazines at New York's Robert's Family and Barbara's Family magazines. Before starting their own publishing ventures, they worked for the law firm of Davis, Connors & Ross, P.C., in Boston. They spend most of their leisure time outdoors with a 20-year-old dog and two children, traveling down back roads. Robert is currently doing up a garden as a job to American environmental, historical, and historicists to build.</p>	
<p>O'REILLY</p>		<p>Maker</p>	

Are you ready to embark on a mind-boggling journey through the vastness of the cosmos? Prepare to have your breath taken away as we present you with our comprehensive Illustrated Guide to Astronomical Wonders! From mesmerizing galaxies to awe-inspiring celestial phenomena, this guide will introduce you to the most captivating marvels of outer space. Strap in, because we're about to venture into the unknown depths of the universe!

1. Supernovas: The Majestic Celestial Fireworks





Illustrated Guide to Astronomical Wonders: From Novice to Master Observer (DIY Science)

by Robert Bruce Thompson (Kindle Edition)

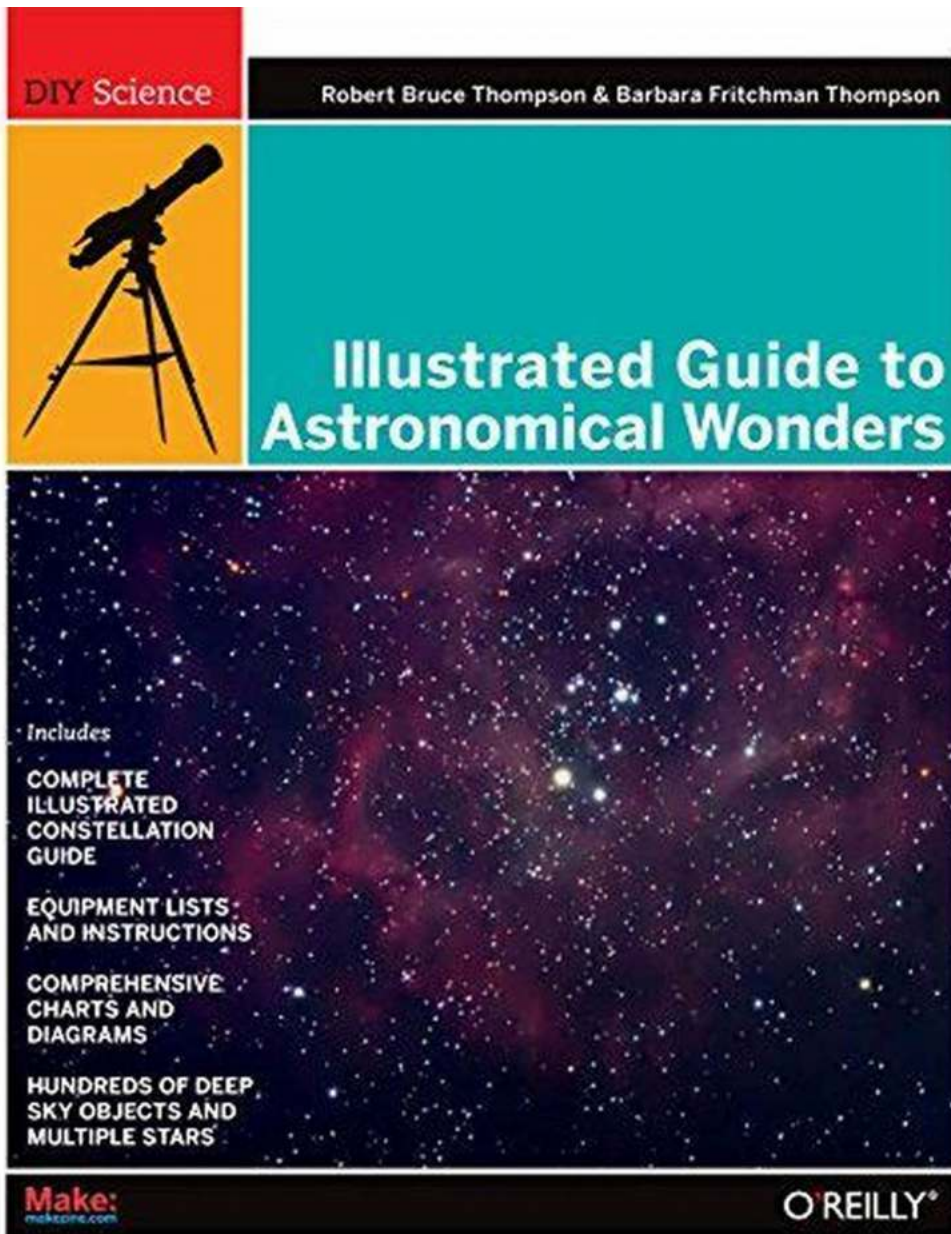
★★★★☆ 4.5 out of 5

Language	: English
File size	: 83270 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 517 pages
X-Ray for textbooks	: Enabled
Hardcover	: 224 pages
Item Weight	: 1.27 pounds
Dimensions	: 5.08 x 7.8 inches



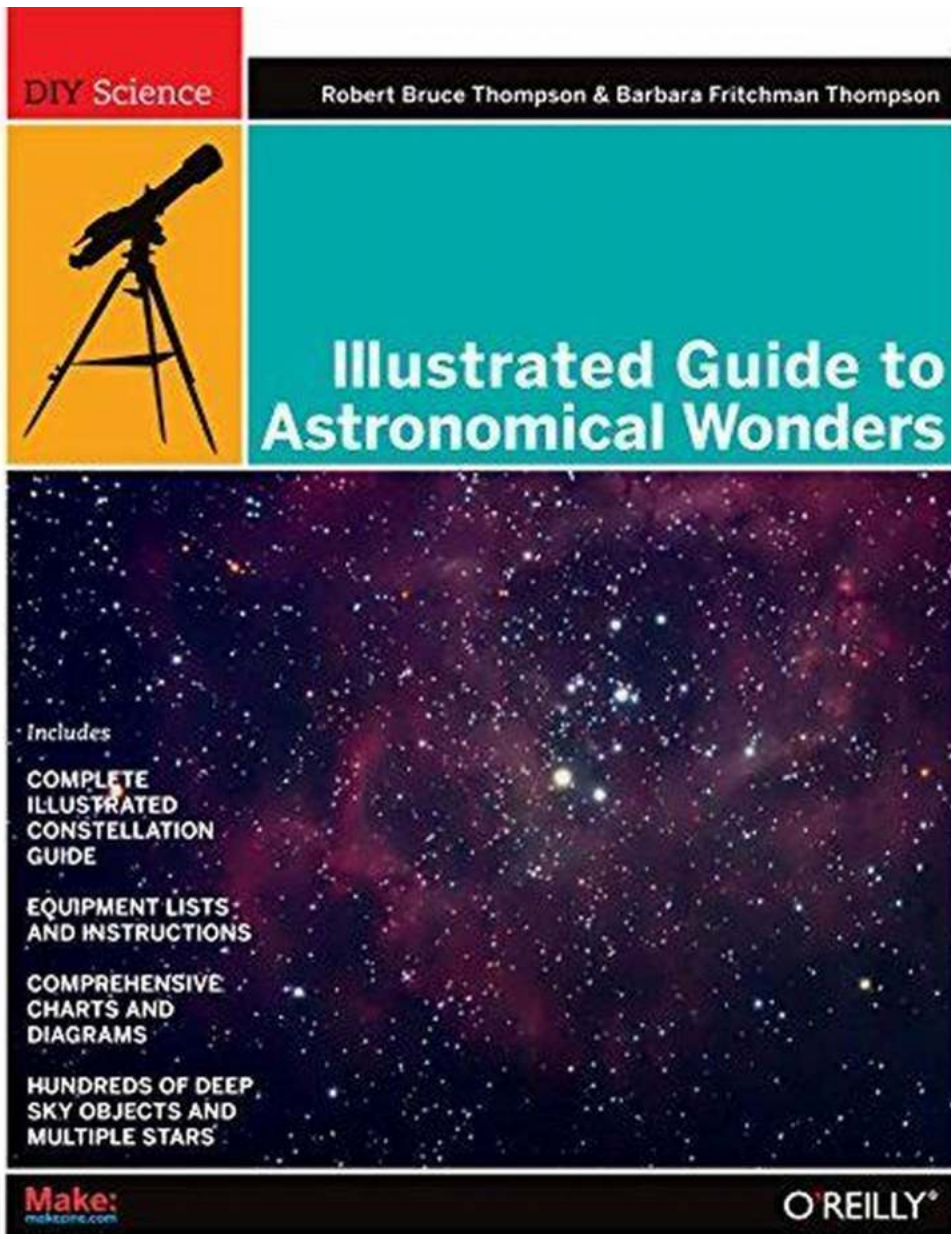
Supernovas, the explosive deaths of massive stars, are among the most spectacular events in the cosmos. Explore the remnants of these colossal explosions, known as supernova remnants, and learn about their role in enriching the universe with heavy elements essential for life.

2. Nebulas: The Cosmic Nurseries of Stellar Birth



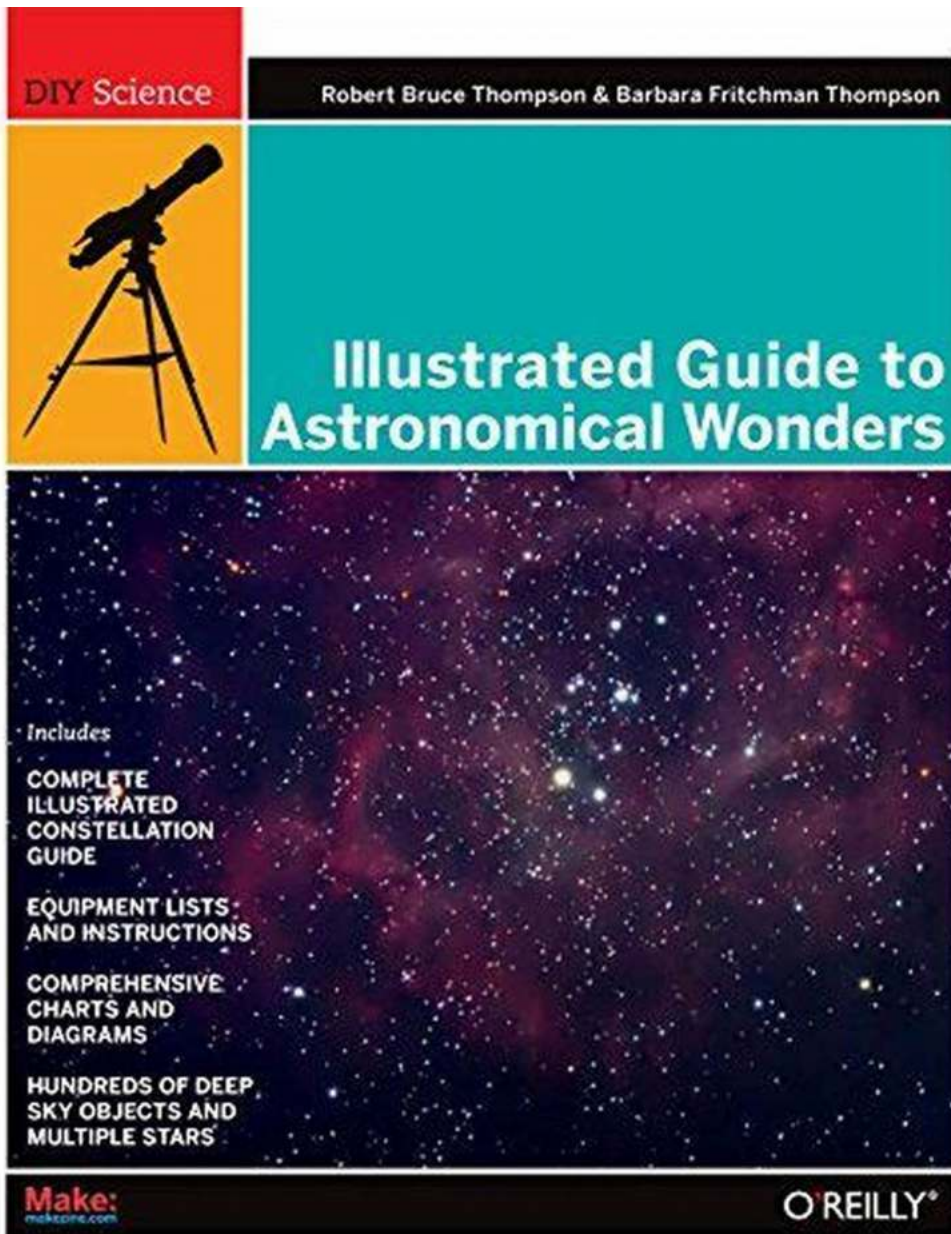
Dive into the mesmerizing beauty of nebulae, the colossal clouds of gas and dust where new stars are born. Discover the different types of nebulae and unravel the mysteries behind their vibrant colors and intricate formations.

3. Black Holes: The Enigmatic Abyss of Space



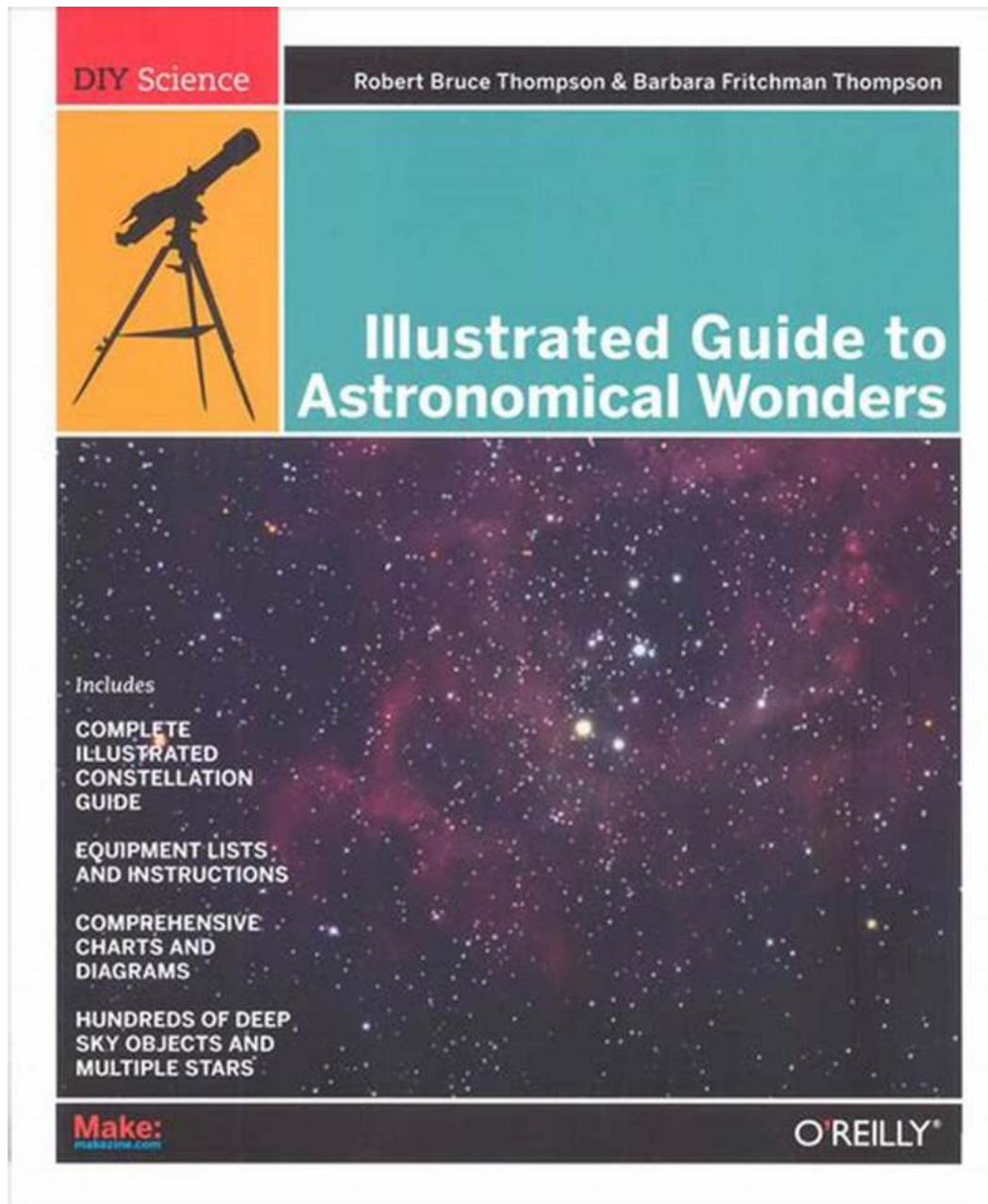
Prepare to have your understanding of physics tested as we delve into the mind-bending world of black holes. Uncover the mind-boggling properties of these cosmic monsters and learn about their role in shaping galaxies and the fabric of space-time itself.

4. Galaxies: The Ocean of Stars



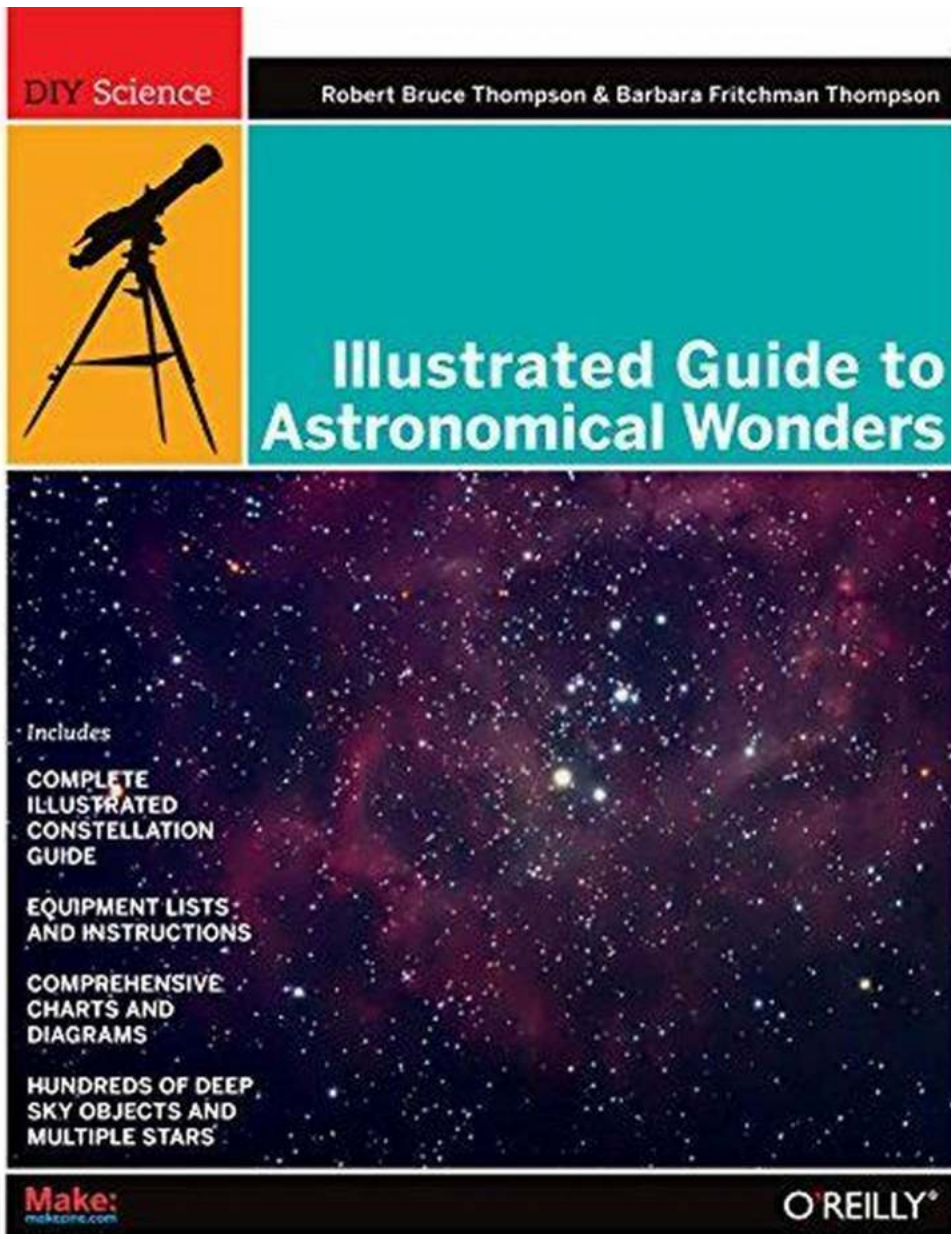
Embark on a cosmic journey across a mesmerizing tapestry of stars, planets, and dark matter. Explore the different types of galaxies and get acquainted with our very own Milky Way, an awe-inspiring galaxy that houses billions of stars.

5. Exoplanets: The Quest for Life Beyond Earth



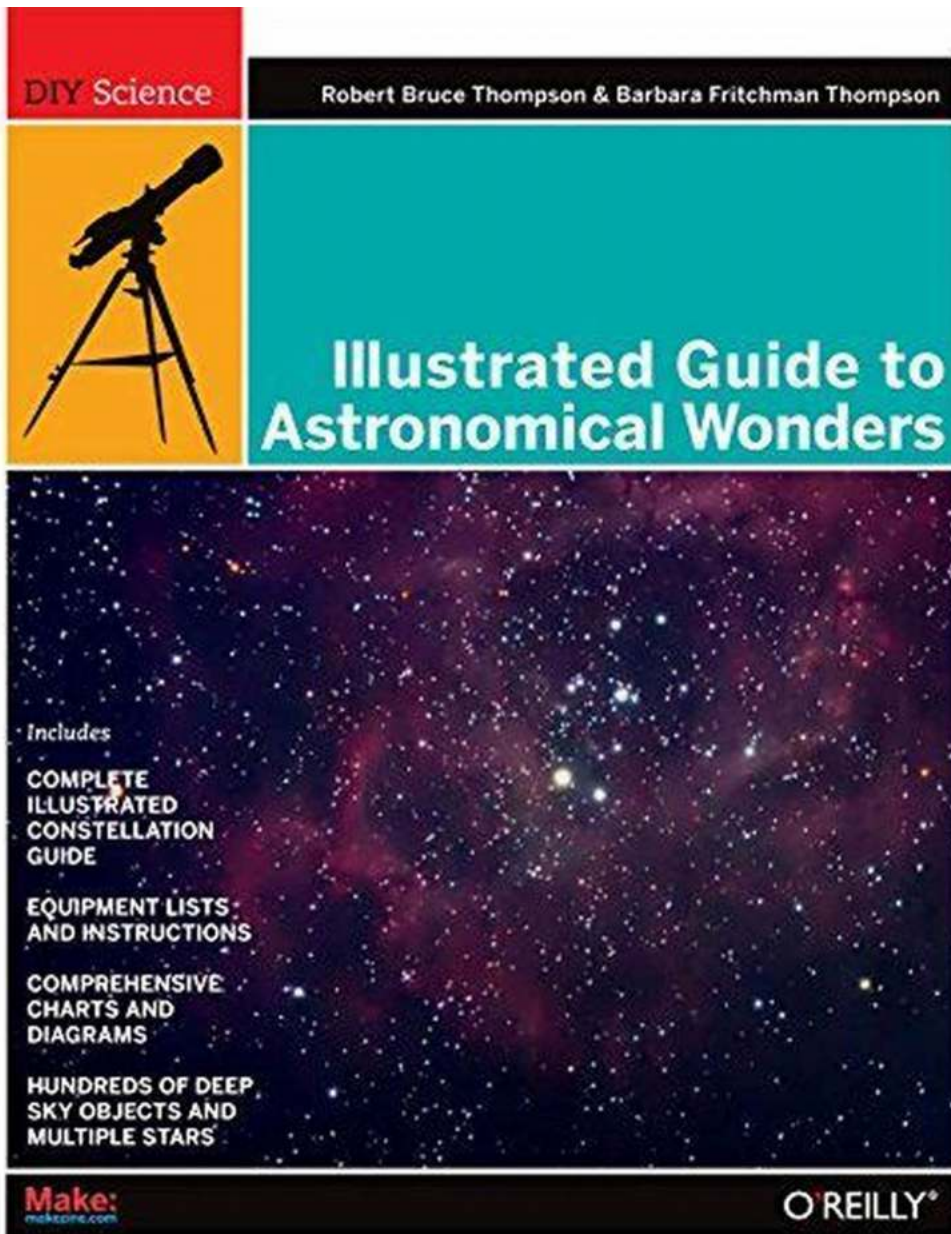
Join the search for extraterrestrial life as we venture beyond our solar system to discover exoplanets, planets orbiting distant stars. Understand the methods used to detect these alien worlds and learn about the potential habitability of some of these astonishing celestial bodies.

6. The Moon: Our Celestial Companion



Unravel the mysteries of Earth's only natural satellite, the Moon. Discover its captivating phases, its effect on tides, and learn about humanity's journey to set foot on its surface during the historic Apollo missions.

7. Meteor Showers: Celestial Fireworks in the Night Sky

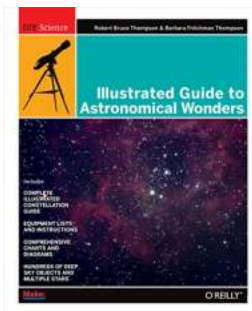


Prepare to be awestruck by the dazzling displays of meteor showers, breathtaking phenomena that light up the night sky. Explore the origins of these shooting stars and learn the best times and locations to witness these celestial spectacles.

: Unveiling the Cosmos

As we conclude our journey through the wonders of the universe, we hope this Illustrated Guide to Astronomical Wonders has ignited a sense of awe and curiosity within you. The cosmos is a vast playground of extraordinary phenomena waiting to be discovered. So, grab a telescope, gaze up at the stars, and let your imagination soar as you continue to explore the infinite wonders hidden amongst the countless galaxies scattered across the universe.

Remember, the more we learn about the cosmos, the more we realize how truly magnificent our universe is!



Illustrated Guide to Astronomical Wonders: From Novice to Master Observer (DIY Science)

by Robert Bruce Thompson (Kindle Edition)

★★★★☆ 4.5 out of 5

Language	: English
File size	: 83270 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 517 pages
X-Ray for textbooks	: Enabled
Hardcover	: 224 pages
Item Weight	: 1.27 pounds
Dimensions	: 5.08 x 7.8 inches



With the advent of inexpensive, high-power telescopes priced at under \$250, amateur astronomy is now within the reach of anyone, and this is the ideal book to get you started. The Illustrated Guide to Astronomical Wonders offers you a guide to the equipment you need, and shows you how and where to find

hundreds of spectacular objects in the deep sky -- double and multiple stars as well as spectacular star clusters, nebulae, and galaxies.

You get a solid grounding in the fundamental concepts and terminology of astronomy, and specific advice about choosing, buying, using, and maintaining the equipment required for observing. The Illustrated Guide to Astronomical Wonders is designed to be used in the field under the special red-colored lighting used by astronomers, and includes recommended observing targets for beginners and intermediate observers alike. You get detailed star charts and specific information about the best celestial objects.

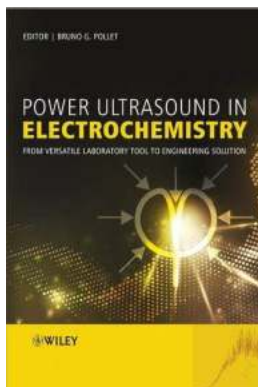
The objects in this book were chosen to help you meet the requirements for several lists of objects compiled by The Astronomical League.

- Binocular Messier Club
- Urban Observing Club
- Deep Sky Binocular Club
- Double Star Club
- RASC Finest NGC List

Completing the list for a particular observing club entitles anyone who is a member of the Astronomical League or RASC to an award, which includes a certificate and, in some cases, a lapel pin.

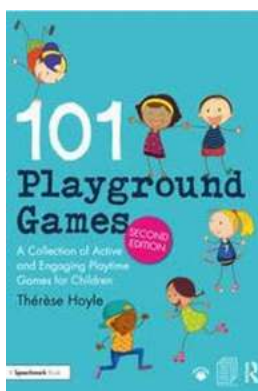
This book is perfect for amateur astronomers, students, teachers, or anyone who is ready to dive into this rewarding hobby. Who knows? You might even find a new object, like amateur astronomer Jay McNeil. On a clear cold night in January 2004, he spotted a previously undiscovered celestial object near Orion, now

called McNeil's Nebula. Discover what awaits you in the night sky with the Illustrated Guide to Astronomical Wonders.



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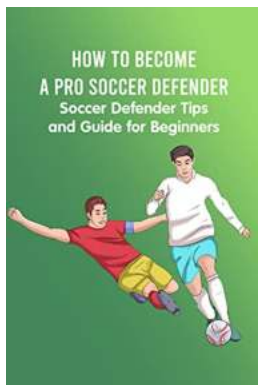
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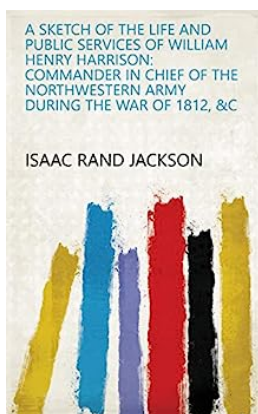
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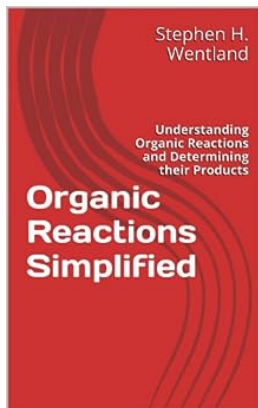
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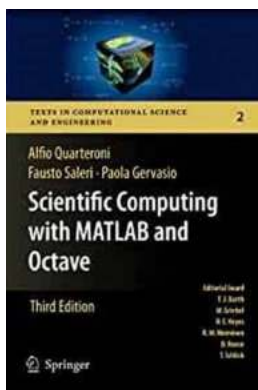
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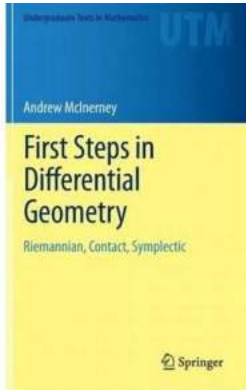
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