

Gia Diamond Grading Lab Manual

From figuring out whether she'll say "yes," to deciding what cut of diamond she'll love, this guide speaks to every man embarking on one of life's greatest adventures: marriage. And the reassuring advice it offers will help relieve the nervousness that often accompanies taking the big step. Learn the four "Cs" of diamonds, the pros and cons of various settings, how much a ring should cost, essential diamond terminology, and gem alternatives. Take inspiration from others who have proposed, laugh at their mistakes, and be grateful that (thanks to this book) you won't make them yourself. There's even guidance for the first stages of the wedding plans.

Gem Reference GuideGemThe Definitive Visual GuidePenguin

The smart Buyer's essential guide to evaluating and buying diamonds. Packed with close-up photos, this new reference shows how to look at and judge diamonds and gives the straight story on synthetics, re-cutting diamonds, judging lab grades; appraisals, branded diamonds, where best to buy, and most importantly, How to Avoid Ripoffs.

Contents: Setting Up a Basic Lab; Proper Lighting; How to Use Each Instrument & What It Will Show; Major Errors and How to Correct Them, and more. Appendixes: Charts & Tables of Gemstone Properties, Schools, Laboratories, Associations and Publications, Readings. Glossary. Index.

Job Seeker's Handbook

The Collector's Guide to the Minerals of New York State

A Practical Guide for Successful Investing

Secrets of the Gem Trade

How to Buy Diamonds, Pearls, Colored Gemstones, Gold & Jewelry with Confidence and Knowledge

The Book of R

This handbook is intended to help people find work in as short a time as possible. It begins with suggestions on how to get ready for a job search: organizing time, getting a clear picture of what kind of work to look for, and determining where suitable work can be found. This is followed by sections covering ways to find work opportunities, gathering information on employers, choosing a work search plan, marketing personal skills to prospective employers, creating resumes and career portfolios, filling out application forms, writing covering letters and curriculum vitae, submitting contract proposals, handling interviews and rejection, and what to do if accepted for employment. Appendices include sample resumes and covering letters.

This work offers the reader a basic knowledge of the diamond industry and an understanding of the main factors which determine the value and quality of diamonds. The book has been approved by the De Beers and should be of interest to jewellers, students and the general public.

The Book of R is a comprehensive, beginner-friendly guide to R, the world's most popular programming language for statistical analysis. Even if you have no programming experience and little more than a grounding in the basics of mathematics, you'll find everything you need to begin using R effectively for statistical analysis. You'll start with the basics, like how to handle data and write simple programs, before moving on to more advanced topics, like producing statistical summaries of your data and performing statistical tests and modeling. You'll even learn how to create impressive data visualizations with R's basic graphics tools and contributed packages, like ggplot2 and ggvis, as well as interactive 3D visualizations using the rgl package. Dozens of hands-on exercises (with downloadable solutions) take you from theory to practice, as you learn: –The fundamentals of programming in R, including how to write data frames, create functions, and use variables, statements, and loops –Statistical concepts like exploratory data analysis, probabilities, hypothesis tests, and regression modeling, and how to execute them in R –How to access R's thousands of functions, libraries, and data sets –How to draw valid and useful conclusions from your data –How to create publication-quality graphics of your results Combining detailed explanations with real-world examples and exercises, this book will provide you with a solid understanding of both statistics and the depth of R's functionality. Make The Book of R your doorway into the growing world of data analysis.

Describes the diamond industry and how gem investment works, and offers advice on the selection and purchase of diamonds

A First Course in Programming and Statistics

Diamond Ring Buying Guide

Gem Reference Guide

Jewelry & Gems, the Buying Guide

Selecting Gem Rough

How to Evaluate, Identify and Select Diamond & Diamond Jewelry

From the dawn of time, ruby and sapphire have both attracted and fascinated humans in ways that few other items could.While objects of desire are found throughout the natural world, physical beauty is too often ephemeral. From the allure of a man, woman, flower or butterfly, through the fleeting moments of a sunset, there is little that lasts and practically nothing that can be passed down to our descendants. The exception is precious stones. Not only are they the most durable creations of mother nature, but their visual splendor is truly eternal.In this companion to his 2013 book, Ruby & Sapphire--A Collector's Guide, Richard Hughes examines these gems from the gemological standpoint, delving into these gems not just from the aesthetic, but also from the scientific point of view.The product of nearly 40 years of firsthand experience, it covers every aspect of the subject from A-Z. History, sources, prices, quality analysis, synthetics and treatments, everything is here. Ruby & Sapphire--A Gemologist's Guide represents the most comprehensive book ever written on a single precious stone. With over 1000 photos, maps and illustrations and 3500 references, it is nothing less than a tour-de-force of gemological scholarship.

This unusual work is a complete treatise on the identification of precious stones that is thoroughly recommended for inclusion on the jeweller or antiquarian's bookshelf. Contents Include: Preface; How to Use The Book; Refractive Index and its Measurement; Double Refraction and How to Detect it; Colour, Colour Filters and the Dichroscope; Specific Gravity and How to Measure It; Detection of Synthetic and Imitation Stones; The Use of the Microscope; The Identification of Diamond; The Identification of Ruby; The Identification of Sapphire; The Identification of Emerald; Aquamarine and Alexandrite; The Identification of Zircon; The Identification of Topaz; The Identification of Pink, Mauve, etc. Stones; The Identification of Brown and Orange Stones; Quartz, Opal, and Garnets; Tourmaline, Peridot, and Spinel; Identification of Translucent and Opaque Stones; Amber, Tortoiseshell, Coral, and Jet; Pearls: Real, Cultured, and Imitation; Appendix: Glossary, Alphabetical Summary of Gem Species, Crystal Systems, Bibliography, Specific Gravity and Refractive Index Tables; Names and Addresses of Recommended Suppliers; and an Index. Many of the earliest books, particularly those dating back to the 1900s and before, are now extremely scarce and increasingly expensive. We are republishing these classic works in affordable, high quality, modern editions, using the original text and artwork.

Gem hunting can be like playing the geological lottery. You may spend hours performing backbreaking work and pay fees for access to mine tailings only to find a few semiprecious stones that aren't worth much. Another person may randomly reach into a pile of dirt and pull out a diamond worth thousands of dollars. Looking for interesting gems and crystals can be a rewarding hobby, even if you don't hit the jackpot. Many recreational gem hunters enjoy spending time outdoors, learning about geology and hanging out with their gem-hunting friends. Whether you're new to gem hunting or a seasoned pro, this new book provides in-depth information on some of the Earth's most sought after precious and semi-precious gemstones.

Examines twenty-four localities of interest to mineral collectors, discussing the localities significant to specimen mineralogy, collecting history, geological setting, origin, and a description of the mineral.

How to Spot Value & Ripoffs

A Hands-on Guide to More Confident Buying & Selling

Their History, Sources, Qualities and Benefits

Jewelry & Gems The Buying Guide

A Girl's Guide to Buying Diamonds

Handbook of Gem Identification

Whether buying for personal pleasure or for investment, in today's market of Internet auctions, new diamond cuts, new colours, new treatments and new frauds buyers need a source of expert guidance. This comprehensive guide, from diamond expert and best-selling author Antoinette Matlins, is the unofficial bible for all diamond buyers who want to get the most for their money.

to this edition In working with my own clients to acquire gemstones and jewelry since this book was first published in 1984, they have pointed out that most people buy "jewelry" and not "gemstones." Because the book offers so much practical advice and money-saving tips about buying jewelry, they urged me to change the title. So, in this edition The Complete Guide to Buying Gems has been changed to Jewelry & Gems: The Buying Guide. Consumer and professional response to the book has been very gratifying. Almost 14,000 hardcover copies are in circulation. We have received hundreds of letters, phone calls and in-person comments about the helpfulness and interesting information it provides. We thank you for encouraging us to make the book more widely available by bringing out this softcover edition. We have taken the opportunity of this softcover edition to update the price guides for diamonds and colored gemstones and, in light of the increase in both the popularity and price of pearls, to add a price guide for them in the "Guide to Popular Gems and Their Prices." Also, we want to take this opportunity to comment further on gem invest ment, taking into account major developments since the original manuscript was written in 1980.

Developed by three experts to coincide with geology lab kits, this laboratory manual provides a clear and cohesive introduction to the field of geology. Introductory Geology is designed to ease new students into the often complex topics of physical geology and the study of our planet and its makeup. This text introduces readers to the various uses of the scientific method in geological terms. Readers will encounter a comprehensive yet straightforward style and flow as they journey through this text. They will understand the various spheres of geology and begin to master geological outcomes which derive from a growing knowledge of the tools and subjects which this text covers in great detail.

Consumers are now more readily choosing to support emerging brands that align with their values instead of defaulting to the long-standing giants. As a result, up-and-coming jewelry brands have major opportunities for growth. Are you building a jewelry business while trying to increase brand awareness and profits? With the appropriate marketing strategy and plan, you can find your ideal customers, increase market share, and flourish in your category. But you must understand how to maximize your marketing efforts, so you can spend your time, money, and energy effectively - and get the best return on investment. This book will help you find joy in the process. Inside: What is marketing, and how is it different from PR or sales? What can it help you (and not help you) achieve? How can you lay the foundation for an effective marketing strategy? What are the most impactful marketing tactics for jewelry brands, and how can you navigate each of them? What is a brand, and how can you build a memorable and lasting one? How can you optimize your digital presence, including your ecommerce store?

Gem Testing

Beyond the Four C's

The Connoisseur's Guide to Precious Gemstones

Biology Laboratory Manual

Photoatlases of Inclusions in Gemstones

A Practical Guide to Diamond Evaluation

With the "right-hand diamond" all the rage right now, it is important for women to stay informed of the particulars when it comes to shopping for a diamond. Even if a woman is searching for an engagement ring with her fiance she should learn the basics to help him out, and to prevent her personal style from being compromised by uninformed choices. A Girls' Guide to Buying Diamonds provides all the key facts any woman needs to know before purchasing her ice. This style manual shows readers how to choose the perfect diamond, based on lifestyle, personality, even hand shape, all from a woman's perspective. Beautiful illustrations and photographs enhance discussions of bands, settings, cuts, and how to identify imperfections. Practical advice teaches readers to select a jeweler, arms them with questions to ask, as well as questions they should expect to hear. A Girls' Guide to Buying Diamonds is a must have for any girl-or boy-game for splurging on the ultimate glamorous accessory.

Since early 1989, a gem dealer I've known for years has been calling me every few weeks to brief me on mounting mayhem in Colombia's lucrative emerald market. The troubling gist of these calls is always this: There is a full-fledged turf war going on between that South American country's bustling drug and gem trades for control of its emerald ex port business. According to this dealer and several others, anywhere from two to four thousand emerald industry people, mostly miners and deal ers, have been murdered since 1980. No doubt the gem sector, itself never gun shy, has retaliated in full and in kind. After all, the two groups have banded together in an intermittent alliance against a common enemy-Communist guerillas-with results the CIA would envy. I mention this bloodshed because of something the gem dealer once said to me: "I bet you never think of what a gem has to go through to get to a jewelry store." He's right. I tend to think of colored stones as things of beauty, not objects of gruesome power struggles between mining kingpins and drug lords. Can you blame me, or anyone with insider knowledge, if a gem sheds any connection with its past once sculpted by a cutter into the glittering mar vel we see in a jeweler's showcase? Like Odysseus listening to the sirens' song, we become victims of an aesthetics-induced amnesia.

This laboratory manual is designed for an introductory majors biology course with a broad survey of basic laboratory techniques. The experiments and procedures are simple, safe, easy to perform, and especially appropriate for large classes. Few experiments require a second class-meeting to complete the procedure. Each exercise includes many photographs, traditional topics, and experiments that help students learn about life. Procedures within each exercise are numerous and discrete so that an exercise can be tailored to the needs of the students, the style of the instructor, and the facilities available.

Completely revised and expanded with 10 new chapters: Jade / Demantoid Garnet / Natural Nacreous Pearls / Conch Pearls / Sunstone / Moonstone / Peridot / Cobalt Blue Spinel / Red -Pink Spinel / Golconda (Type IIa) Diamonds. Five new introductory essay: Blue-white diamonds / Jadeite / Natural Pearls / Spinel / Feldspars. Plus 165 color photographs (50 additional) which include exclusive images from major museum collections and the latest auction market icons. The definitive book for anyone wanting to learn how the best gemologists in the world evaluate precious gems, and what makes one stone merely a good stone versus a truly fabulous museum quality gem. The author, Richard Wise, is one of the world's foremost gemologists.

GIA Colored Diamond Color Reference Charts

The Ruby & Sapphire Buying Guide

Gem Identification Made Easy

Get Rich Investment guide

Gem

Modern Jeweler's Consumer Guide to Colored Gemstones

Whether you are buying a diamond for an engagement ring, anniversary, to commemorate a special moment, or for personal pleasure, today it is more important than ever to understand what you are buying. There are new shapes and cuts, fancy colours, high-tech treatments, and sophisticated frauds. There are new ways to buy -- such as Internet auctions and TV shopping. Buyers need a source of expert guidance. Practical, comprehensive, and easy to understand, this book offers in depth all the information you need to buy sparkling diamonds with confidence, including: What is a diamond?; The factors affecting quality differences in diamonds; Diamond grading reports and how to interpret them; How to compare prices; How to spot differences in stones that may appear to be the same quality; How to protect yourself from misrepresentation; Questions to ask when buying any diamond; What to get in writing; How to get what you want within your budget; Important information about buying on the Internet and much more.

Everybody needs a rock -- at least that's the way this particular rock hound feels about it in presenting her own highly individualistic rules for finding just the right rock for you.

Rocks, minerals & fossils.

You don't have to be a jeweler or gemologist to tell a ruby from red glass or a good sapphire from a bad one. The Ruby and Sapphire Buying Guide will show you how. It's easy to read, has lots of photos, and gives clear, step-by-step pointers on how to buy the best stone for the money. This is the only book to offer detailed guidelines and pictures on judging ruby and sapphire quality. Book jacket.

Chilton's Jewelers' Circular/keystone

How to Look at Diamonds & Avoid Ripoffs

Nature Guide Gems

The Antoinette Matlins Buying Guide : how to Select, Buy, Care for & Enjoy Diamonds with Confidence and Knowledge

A Gemologist's Guide

Gems & Gemology

This title is was designed to help you get the best buy possible and shows you step-by-step how to evaluate diamonds and settings

Prepare to be dazzled by this shining and sumptuous visual guide to the world's greatest treasures. Feast your eyes on glittering gemstones, kaleidoscopic minerals, and famous trinkets in this comprehensive exploration of Earth's finest jewels. Following a foreword from Aja Raden, hundreds of pages take a lavish look at precious stones, precious metals, and organic gems in all their natural wonder. From agate to zoisite, everything under the Sun is encapsulated in spectacular photography and accessible text. Trace the history of gemmology and get the inside story on our planet's most famous and fabulous gems, including the mysterious Hope Diamond, the stunning Koh-i-Noor of the Crown Jewels, and exquisite Fabergé eggs. Find out their physical properties, check the price tags, and discover the most remarkable record-breakers. This exceptionally extravagant book is a picture-packed, fact-filled celebration guaranteed to bring sparkle to your life and your library.

Introduces over four hundred different gemstone specimens, with descriptions, identification tips, and classification information for each stone.

Carat, Color, Clarity, and Cut. Many people think that all they need to know to properly evaluate and buy a diamond are the basics of the Four C's. But Joshua Fishman, a third-generation diamantaire with over thirty years' experience buying and selling diamonds, knows this is a myth. Another prolific myth Fishman debunks is the idea that diamonds are just a commodity. If you are looking at two diamonds with the same grade, he explains, the less expensive one is not necessarily going to be the better buy because other qualities that affect the look of the stone must also be factored in. He also challenges the myth of the "ideal cut." In Beyond the Four C's, Fishman tackles these myths and many other misunderstandings that arise because of the myriad complexities involved in evaluating diamonds, providing you with an education that truly will qualify you to take home the diamond that is ideal for you. This is the most comprehensive educational book about diamonds to date. In incisive detail, Fishman explains everything you need to know about diamonds, from the terminology describing diamonds to how to tell if a diamond is real, and to how and where to sell a diamond, and much more.

Jewelry Marketing Joy

The Definitive Visual Guide

How to Buy Diamonds, Pearls, Precious and Other Popular Gems with Confidence and Knowledge

GEM HUNTER

JCK.

When a diamond goes missing from the Louvre, it is up to nine-year-old Julieta to identify the thief, exonerate her father, and return home to Boston before her baby brother is born. Includes glossary of French and Spanish words and notes about the Regent Diamond, Athena, and works of art mentioned in the book.

The Diamond Handbook, 2nd edition is a full-color, comprehensive guide to evaluating and identifying diamonds, which is aimed at trade professionals, gemology students, serious diamond buyers, and people who want more diamond evaluation information than they can get on the Internet. Besides providing in-depth information on diamond grading, it compares the new cut grading systems and diamond light performance reports of various gem laboratories. It also discusses and illustrates new diamond treatments and lab-grown diamonds. An entire chapter is devoted to the recutting of diamonds, and another chapter covers the history of diamond cuts and illustrates antique and estate diamond jewelry styles. The first chapter gives a brief overview of diamond formation, sources, diamond properties, lighting and diamond examination techniques. Chapters on fancy-colored diamonds, fluorescence, branded diamonds and diamond grading reports are also included. The Diamond Handbook has a glossary, bibliography, index and 320 high-quality photos (207 of them in color). As stated in a review of the first edition of the Diamond Handbook by the Journal of Gemmology: "The Diamond Handbook is a must for anyone buying, testing or valuing a polished diamond and for students in many fields."

The beauty and sparkle and mystique of diamonds is unmatched by that of any other gem in the world. Since early times, diamonds have been treasured as good luck charms, remarkable tools and status symbols and have been worn, collected and presented as lavish gifts. Today, diamonds remain among the most sought-after gemstones and continue to hold their value through good times and bad. In Diamonds, author Renée Newman, a graduate gemologist and author of many trade-level handbooks on gemstones, invites the reader on a journey into the fascinating world of diamonds. This lavishly illustrated guide -- which features hundreds of photos, maps and diagrams -- covers everything from mining, cutting and evaluating diamonds to the romantic histories of some of the world's most valuable stones. Diamonds includes chapters on: What a diamond is -- its significance from antiquity to the present day and what it represents from different perspectives The process and history of mining diamonds -- the locations (both modern and historical) as well as the techniques used to mine diamonds The evolution of diamond cutting -- how a diamond is processed and what are the key cuts and shapes to know Diamond jewelry through the ages -- how diamonds have been used in jewelry from pre-Georgian times to today Evaluating and pricing diamonds -- how diamonds are priced based on their many value factors, such as color, carat weight, cut, clarity, and so on Man-made diamonds The remarkable benefits of diamonds. As beautiful as they are precious and as useful as they are decorative, diamonds continue to fascinate and allure. Diamonds will be a welcome guide for anyone who has felt the romance and power of these fascinating gems. It will also be a useful resource for professionals in the jewelry trade.

Ruby and Sapphire

The Groom-to-Be's Handbook

Diamonds

The Ultimate Guide to a Fabulous Ring, a Memorable Proposal, and a Perfect Wedding

The Diamond Book

What You Should REALLY Know Before You Buy a Diamond