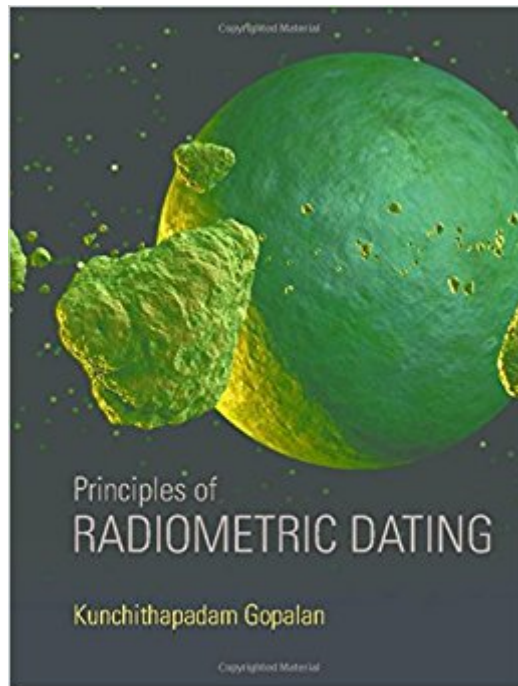




**Ebook Directory**  
the best source of ebook

The book was found

# Principles Of Radiometric Dating



## Synopsis

The time-dependent decay of naturally occurring radioactive isotopes or in-growth of their radioactive or stable daughter products form the basis of radiometric dating of several natural processes. Developed in the beginning of the last century mainly to determine the absolute ages of rocks and minerals, radiometric chronology now plays a central role in a broad range of Earth and planetary sciences - from extra-solar-system processes to environmental geoscience. With the prerequisite of only college-level knowledge in physics, chemistry and mathematics, this concise book focuses on the essential principles of radiometric dating in order to enable students and teachers belonging to diverse fields of studies to select, understand and interpret radiometric dating results generated and published by professionals.

## Book Information

Hardcover: 220 pages

Publisher: Cambridge University Press; 1 edition (May 4, 2017)

Language: English

ISBN-10: 1107198739

ISBN-13: 978-1107198739

Product Dimensions: 6.7 x 0.6 x 9.6 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #274,418 in Books (See Top 100 in Books) #27 in [Books > Science & Math > Chemistry > Geochemistry](#) #481 in [Books > Science & Math > Earth Sciences > Geology](#) #837 in [Books > Textbooks > Science & Mathematics > Earth Sciences](#)

## Customer Reviews

'Well organized, beginning with the basic physics (nuclear structure, radioactivity, nucleosynthesis) then proceeding to how geochronometry actually works, including technical details of mass spectrometry and error analysis, then tackling the ways in which various isotope systems have been used to help understand the history of the earth and the solar system.' Doug Macdougall, Emeritus Professor of Earth Science, Scripps Institution of Oceanography, University of California, San Diego

The book is, in my opinion, well organized. The subject matter is vast. I like the way in which the author has presented the physical fundamentals in the early chapters, then the applications to the evolution of the earth and other parts of the solar system later.' Marion E. Bickford, Professor Emeritus, Syracuse University, New York

From what I have seen in the chapters, the book is well

presented and I personally and many others in the field would welcome it.' Sir Robert Keith O'Nions, Former President and Rector of Imperial College London'Gopalan wanted to produce a concise book for nonspecialist students and researchers. The book focuses on the basic concepts and principles of isotope dating. I have carefully read all the nine chapters. Undoubtedly, it is a valuable addition to the existing literature. ... Gopalan is a physicist by training, so his writing is pretty accurate and precise.' Bor-Ming Jahn, Former Distinguished Chair Professor for Research, Department of Geosciences, National Taiwan University

Developed in the last century mainly to determine the absolute ages of rocks and minerals, radiometric dating now plays a central role in many modern disciplines. It focuses on the essential principles of radiometric dating to enable the readers to understand and analyse radiometric dating results generated by professionals.

[Download to continue reading...](#)

Principles of Radiometric Dating How to Get Your Ex Back Fast! Toy with the Male Psyche and Get Him Back with Skills only a Dating Coach Knows (Relationship and Dating Advice for Women Book 4) Polyamory: The Practical Dater's Guide to the Pursuit and Maintenance of Open Relationships (Polyamory, Polyamorous, Relationship, Dating, Poly Relationship, Polyamory Dating, Open Relationships) Internet Dating 101: It's Complicated . . . But It Doesn't Have To Be: The Digital Age Guide to Navigating Your Relationship Through Social Media and Online Dating Sites Are You Dating a Liar?: 12 Handwriting Strokes that Reveal You are Dating a Liar (Handwriting Expert) To Date a Man, You Must Understand Yourself: The Journey of Two Women: Dating Advice For Women (Relationship and Dating Advice for Women Book 10) NaviDating: A 15-Day Devotional for Her: Equipping Couples to Navigate the Modern Dating World with Godly Principles NaviDating: A 15-Day Devotional for Him: Equipping Couples to Navigate the Modern Dating World with Godly Principles Gay Dating Success: Finding Real Love and Intimacy In a Straight World (Real Love, Sex, Finding Women, Finding Men Book 1) Conscious Lesbian Dating & Love: A Roadmap to Finding the Right Partner and Creating the Relationship of your Dreams (Conscious Lesbian Guides) (Volume 1) Nerdy To Sexy: How to Create a Sexy Dating Outfit in 10 Steps: Attract Women, Increase Your Confidence, and Get LAID! Dating by Persuasion: The Science Behind How to Attract a Man You Want Now Inside The Mind of An Alpha Male: 16 Attitudes That Attract Women, Win Friends, Increase Confidence, Gain Charisma, Master Leadership, and Dominate Life ... and Dating Advice for Men Book 2) What Women Want, Dating Advice For Men: 7 Steps to Win a Woman's Heart, Become a Man that Women Can't Resist, Proven Steps to Bed a Woman of Your

Dreams (+FREE Book Inside) 8 Simple Rules for Dating My Teenage Daughter The Tactical Guide to Women: How Men Can Manage Risk in Dating and Marriage Girl Walks into a Bar...: Comedy Calamities, Dating Disasters, and a Midlife Miracle The Dating Playbook For Men: A Proven 7 Step System To Go From Single To The Woman Of Your Dreams Never Chase Men Again: 38 Dating Secrets to Get the Guy, Keep Him Interested, and Prevent Dead-End Relationships Boundaries in Dating: How Healthy Choices Grow Healthy Relationships

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)