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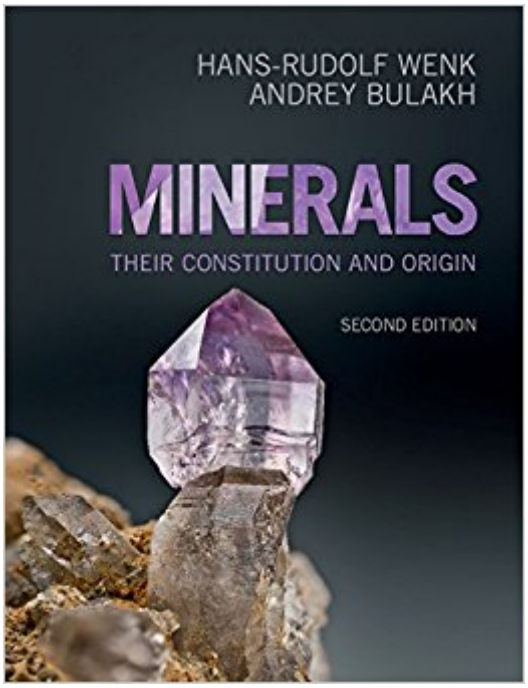
Minerals: Their Constitution And Origin



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Synopsis

The new edition of this popular textbook, once again, provides an indispensable guide for the next generation of mineralogists. Designed for use on one- or two-semester courses, this second edition has been thoughtfully reorganised, making it more accessible to students, whilst still being suitable for an advanced mineralogy course. Additions include expanded introductions to many chapters, a new introductory chapter on crystal chemistry, revised figures, and an extended plates section containing beautiful colour photographs. Text boxes include historical background and case studies to engage students, and end-of-chapter questions help them reinforce concepts. With new online resources to support learning and teaching, including laboratory exercises, PowerPoint slides, useful web links and mineral identification tables, this is a sound investment for students in the fields of geology, materials science and environmental science, and a valuable reference for researchers, collectors and anyone interested in minerals.

Book Information

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"Minerals is my go-to text for teaching Earth and planetary materials. The updated chapters on analytical methods and applied mineralogy are especially valuable in teaching interdisciplinary students with a wide range of backgrounds and interests. This book captures the broadening scope of our field." Steve Jacobsen, Northwestern University"The new edition remains quantitative and scientifically rigorous and has been improved by reorganization and by addition of new material." Timothy L. Grove, Massachusetts Institute of Technology"... an excellent book which is suitable for teaching both in undergraduate and graduate student education in mineralogy ... From basic

crystallography to applied mineralogy, Minerals contains it all, and the style of writing is conclusive and scientifically sound ... I am very happy to see the new second edition." GÃƒÂ nther J. Redhammer, University of SalzburgReview of previous edition: "... this is a refreshing new mineral textbook and is a wonderful resource to freshen up an undergraduate course. Every lecturer who teaches mineralogy and every earth sciences library should get a copy ... Very highly recommended." Geological MagazineReview of previous edition: "I think this book represents a sound undergraduate investment - a textbook that an undergraduate could visit and revisit throughout their degree programme, to remind them of the basics and, by following up the references, to provide a deeper understanding of the subjects covered." Chemistry WorldReview of previous edition: "... [this] book provides a good coverage of minerals, with clear diagrams and photographs to supplement the text ... there is much of value ... the text is clear, and deeper treatments can be skipped, while still gaining knowledge of the wider range of mineralogy." OUGS NewsletterReview of previous edition: "Wenk and Bulakh's Minerals is both authoritative and accessible, providing a thorough grounding in many aspects of modern mineralogy in a first-rate text." New Scientist

Designed for use on one- or two-semester courses, this is a comprehensive study of modern mineralogy, for undergraduate and graduate students in the fields of geology, materials science and environmental science. New online resources include laboratory exercises and PowerPoint slides, making this a sound investment for the next generation of mineralogists.

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