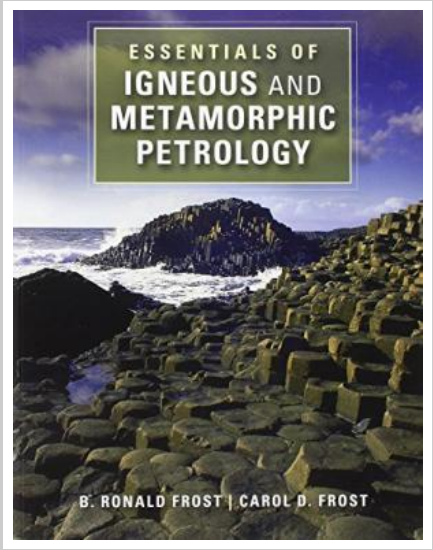

Essentials of Igneous and Metamorphic Petrology

By Frost, B. Ronald / Frost, Carol D.

Book Condition: New. Publisher/Verlag: Cambridge University Press | Concise introductory textbook on the petrology of igneous and metamorphic rocks for one-semester courses, with topics arranged around tectonic environments. | All geoscience students need to understand the origins, environments and basic processes that produce igneous and metamorphic rocks. This concise textbook, written specifically for one-semester undergraduate courses, provides students with the key information they need to understand these processes. Topics are organized around the types of rocks to expect in a given tectonic environment, rather than around rock classifications: this is much more interesting and engaging for students, as it applies petrology to real geologic environments. This textbook includes over 250 illustrations and photos, and is supplemented by additional color photomicrographs made freely available online. Application boxes throughout the text encourage students to consider how petrology connects to wider aspects of geology, including economic geology, geologic hazards and geophysics. End-of-chapter exercises allow students to apply the concepts they have learnt and practice interpreting petrologic data. | 1. Introduction to igneous petrology; 2. An introduction to igneous phase diagrams; 3. Introduction to silicate melts and magmas; 4. The chemistry of igneous rocks; 5. Basalts and mantle structure; 6. Oceanic magmatism; 7. Convergent...

Reviews

Excellent e-book and useful one. It is writter in straightforward phrases rather than confusing. I am just very happy to explain how here is the finest publication i have got read through in my very own lifestyle and might be he greatest book for possibly.

-- ***Viva Schuster***

It in one of the best book. Better then never, though i am quite late in start reading this one. You wont feel monotony at at any moment of the time (that's what catalogues are for regarding in the event you check with me).

-- ***Dr. Kristin Dickens***