

problems. The illustrations are simple but effective, and problems are given at the ends of the chapters. One of the book's greatest strengths is its consideration of the interrelationships in thermodynamics as a mathematical model and its development of the concept of metastability in a thermodynamic context. Previously, I used a combination of three textbooks to teach thermodynamics: Garrels and Christ's *Minerals, Solutions and Equilibria*; Lewis and Randall's *Thermodynamics*, as revised by Pitzer and Brewer; and Klotz and Rosenberg's *Chemical Thermodynamics*. I now use *Thermodynamics in Geochemistry: The Equilibrium Model* because of the clarity of its explanations and its effectiveness in conveying the nature of the grammar of science.

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