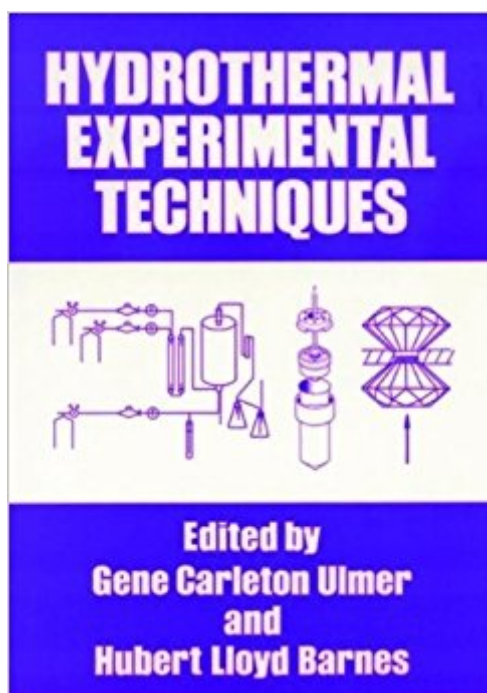


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Hydrothermal Experimental Techniques



Synopsis

This volume offers a comprehensive look at a variety of research techniques for investigating hydrothermal fluids. Intended for researchers at all levels, *Hydrothermal Experimental Techniques* covers new methods and refinements to existing methods, as well as currently evolving approaches of major promise. Among the topics discussed are problems in working with hydrogen at the cutting edge of hydrothermal conditions; the use of rocking autoclaves; fluid-flow systems for kinetic and solubility studies; cold-seal systems; internally heated systems; calorimetry; and use of the megabar diamond-anvil cell. With contributions by leading researchers, *Hydrothermal Experimental Techniques* provides sound advice, including individually developed "tricks" that often make the difference between success and failure in experimental technique. In addition, the book identifies suppliers of hardware and materials for researchers undertaking new techniques. The result is a convenient alternative to burdensome international communications by which experimental techniques are often made known.

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