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Environmental Zeolites and Aqueous Media: Examples of Practical Solutions



Eva Chmielewska

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Author:
Eva Chmielewska

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About the ebook

This eBook covers a range of topics including natural zeolite, general aspects of adsorption, physical characterization of fundamental ion exchange, kinetic and thermodynamic studies and diagenesis in hydrologically open systems. It is a valuable resource for graduate students, undergraduate students and researchers seeking updated and critically important information in this field.

Contents

- ▶ Some Retrospectives and Outlooks in Zeolite Science History
- ▶ Occurrence, Diagenesis and Crystal Structure of Zeolites
- ▶ Basic Research of Ion Exchange and Adsorption onto Zeolites in Aqueous Solutions
- ▶ Kinetic and Thermodynamic Studies for Phosphate Removal Using Natural Adsorption Materials
- ▶ Natural Zeolite - A Versatile Commodity-Some Retrospectives in Water Cleanup Processes
- ▶ Study of Ongoing Adsorption Phenomena on Clinoptilolite-Rich Tuff with the Immobilized Interfaces

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