Record Nr. UNINA9910829048003321 Diffusion and conduction in zeolites: data compilation / / edited by D. **Titolo** J. Fisher Pubbl/distr/stampa [Zurich, Switzerland]:,: Trans Tech Publications,, [2014] ©[2014] 3-03826-461-X **ISBN** Descrizione fisica 1 online resource (169 p.) Collana Defect and Diffusion Forum;; v.351 Disciplina 660.2995 Zeolites Soggetti Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di contenuto Diffusion and Conduction in Zeolites; Table of Contents; Abstracts Sommario/riassunto The microporous aluminosilicate minerals known as Zeolites are invaluable as adsorbents, molecular sieves and catalysts because they possess a porous structure that can let pass or accommodate cations such as, Ca2+, K+, Mg2+, Na+, etc. These are nevertheless loosely held and can be easily exchanged for those in an adjacent solution. Movement of other materials through Zeolites is naturally an important factor. The present compilation consists of diffusion data. These represent, as far as possible, pure diffusion, shorn of other transfer mechanisms such as permeation. Most of the results involv