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Autore	Chaves Lima Rafael
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Nota di contenuto	Introduction -- Zeolites: what are they? -- Zeolite synthesis: general aspects -- Zeolite eco-friendly synthesis -- Recipes of some ecofriendly syntheses -- Conclusions: future approaches.
Sommario/riassunto	This book details zeolites, their structures and the parameters that influence their synthesis, providing a new and actual perspective of this field. Following this, the authors show different processes used to synthesize zeolites using residues, natural materials, and other eco-friendly materials such as raw powder glass, clays, aluminum cans, diatomites, rice ashes or coal ashes. Finally, this book gives the reader a wide range of different synthesis methods that they can be applied to several industrial processes.