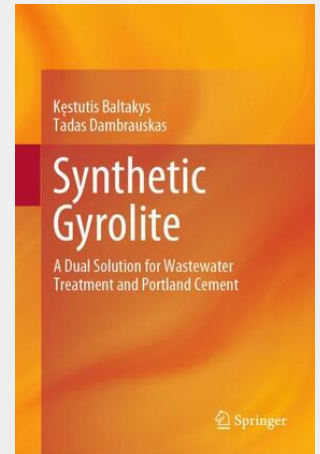Dambrauskas / Baltakys

Synthetic Gyrolite

A Dual Solution for Wastewater Treatment and Portland Cement

This book explores the topic of gyrolite and calcium silicate hydrates, focusing on their potential applications in wastewater purification and as additives in ordinary Portland cement. Divided into five chapters, the book provides a comprehensive description of calcium silicate hydrates and addresses challenges in reusing solid waste. It also covers the synthesis and application of gyrolite, offering technological recommendations for future studies. The results presented are supported by instrumental analysis techniques and thermodynamic calculations, allowing readers to delve into inorganic chemistry and materials characterization. The book is suitable for both researchers and students interested in chemistry and materials characterization, offering valuable insights and guidance in the field.

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