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Autore	Albaji Mohammad
Titolo	Handbook of Technical Terms of Soil and Water Engineering [[electronic resource]]
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Microstructure and fracture aspects of short fiber reinforced thermoplastics and toughened with elastomers / S. C. Tjong -- Recycled aggregate structural concrete: a methodology for the prediction of its properties / Jorge de Brito -- A kinetic model of the oxide growth and restructuring on structural materials in nuclear power plants / Iva Betova ... [et al.] -- The flexural modulus of polymer matrix composites / C. J. R. Verbeek, P. D. Ewart, D. Murtagh -- Probabilistic modeling of cleavage fracture n the ductile-to-brittle transition region / Xiaosheng Gao -- Towards performance-based seismic design for buildings in Taiwan / Qiang Xue, Cheng-Chung Chen -- Recent advances in the design of industrial ground-floor slabs with special emphasis on permissible deformations / Ali A. Abbas, Milija N. Pavlovic, Michael D. Kotsovos -- Towards efficient analytical models for seismic analysis of multistoried buildings / Y. Belmouden, P. Lestuzzi -- Dynamic stability of beams using a higher order theory / Sebastian P. Machado, Victor H. Cortinez -- The prediction of survival probabilities of building structures under transient extreme execution loads / Antanas Kudzys.
Sommario/riassunto	"This book is designed as a text for undergraduate soil and water engineering courses and as preliminary reading for postgraduate courses in soil and water engineering. It is hoped that it will also be of

value to specialists, experts and engineers already in the field and to students preparing for the M.Sc. and PhD examinations. The texts and exercises are based on my lecture courses to undergraduate water science engineers augmented by material prepared for extramural short courses. Wherever possible, illustrations have been used to clarify the texts. The purpose of this book is to bring together and integrate in a single text the subject matter that deals with soil and water engineering. The book is divided into 24 chapters and is intended for students, researchers, and professionals working on various aspects of soil and water engineering. Various soil and water subjects have been discussed in the chapters"--
