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Advances in Building Materials

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Description:	<p>This collection of 501 peer-reviewed papers, presented as a three-volume set, covers the latest advances in micromechanical characterization, mechanical properties, durability analysis, failure mechanisms and non-destructive evaluation of building materials.</p> <p>Taken together with its coverage of applications, this collection will be welcomed by anyone interested in these subjects.</p> <p>Review from Book News Inc.: Three thick volumes present papers from the International Conference on Structures and Building Materials (ICSBM 2011), held in January 2011, in Guangzhou, China, organized primarily by the faculty of civil and transportation engineering, Guangdong University of Technology, with participation from four other Chinese universities. Contributors are from many countries. Broadly, the subjects include advancements and applications of micromechanical characterization, mechanical properties, durability analysis, failure mechanisms, and nondestructive evaluation of building materials. Arrangement of papers is in sections on traditional building materials, advanced building materials, and other related topics. A small sample of specific topics: fracture energy analysis of eco-concretes in Japan, theoretical assessment of FRP tendon wedge anchorage system, and infrared spectrum study of autoclaved systems with solid wastes. A keyword index is included in the third volume.</p>
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