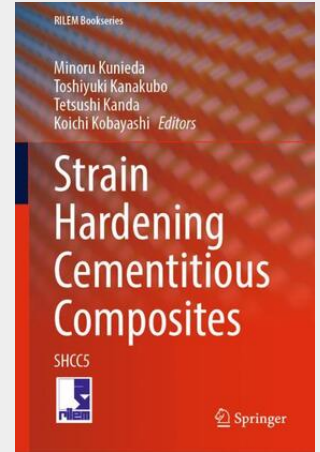


## Strain Hardening Cementitious Composites

SHCC5

This volume gathers the latest advances, innovations, and applications in the field of cementitious composites. It covers advanced fiber-reinforced concrete materials such as strain-hardening cement-based composites (SHCC), textile-reinforced concrete (TRC) and high-performance fiber-reinforced cement-based composites (HPFRCC). All these new materials exhibit pseudo-ductile behavior resulting from the formation of multiple, fine cracks when subject to tensile loading. The use of such types of fiber-reinforced concrete could revolutionize the planning, development, dimensioning, structural and architectural design, construction of new and strengthening and repair of existing buildings and structures in many areas of application. The contents reflect the outcomes of the activities of SHCC5 (International RILEM Workshop on Strain Hardening Cementitious Composites) in 2022.



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