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Nota di contenuto	-- Part I: FRC: Material characterization and mix design for sustainability. -- 1 Spinnability and surface properties of fibers made of recycled and virgin polypropylene. -- 2 The use of polydopamine as adhesion promoter in „green“ fibre-reinforced cement composites. -- 3 Evaluation of fiber orientation in UHPC members using X-ray micro-CT and estimation of member's strength. -- 4 Study of the edge effect in fiber-reinforced concrete cylindrical molded specimens using computed tomography. -- 5 Fracture Behavior of Steel Fiber Reinforced Geopolymer and Normal Concrete. -- 6 Crack initiation and growth in indirect tensile tests of steel fiber-reinforced concrete studied by means of DIC. -- 7 Acoustic Emission Source Localization Based Analysis of Crack Propagation in Steel Fiber Reinforced High-and Ultra-High Performance Concrete in Flexure, etc.
Sommario/riassunto	This volume highlights the latest advances, innovations, and applications in the field of fiber-reinforced concrete (FRC) and textile-reinforced concrete (TRC), as presented by scientists and engineers at the RILEM-fib XI International Symposium on Fiber Reinforced Concrete

(BEFIB), held in Dresden, Germany, on September 15-18, 2024. It discusses a diverse range of topics concerning FRC and TRC, including technological aspects, mechanical properties, long-term performance, analytical and numerical models, structural design, codes and standards, as well as practical applications and case studies.

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