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<b>Titolo</b>	3rd International Conference on the Application of Superabsorbent Polymers (SAP) and Other New Admixtures Towards Smart Concrete // edited by William P. Boshoff, Riaan Combrinck, Viktor Mechtcherine, Mateusz Wyrzykowski
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<b>Edizione</b>	[1st ed. 2020.]
<b>Descrizione fisica</b>	1 online resource (XXIII, 258 p. 126 illus., 86 illus. in color.)
<b>Collana</b>	RILEM Bookseries, , 2211-0852 ; ; 24
<b>Disciplina</b>	691
<b>Soggetti</b>	Building materials Polymers Materials - Analysis Mechanics, Applied Building Materials Characterization and Analytical Technique Engineering Mechanics
<b>Lingua di pubblicazione</b>	Inglese
<b>Formato</b>	Materiale a stampa
<b>Livello bibliografico</b>	Monografia
<b>Nota di contenuto</b>	Preface -- Committees -- Sponsors -- Keynote Lectures ( 6 papers of around 15 pages each), Rheology and fresh properties -- Mechanical properties, Durability, Shrinkage and associated cracking -- Microstructure.
<b>Sommario/riassunto</b>	The book gathers the peer-reviewed contributions presented at the 3rd International Conference on Application of Superabsorbent Polymers (SAP) and Other New Admixtures towards Smart Concrete, held in Skukuza, South Africa, on November 25-27, 2019. It features papers focusing on the behavior of SAP in concrete (in particular the absorption behavior) as well as the effect of SAP on fresh and hardened concrete properties. It also covers topics such as other modern admixtures, in particular rheology-modifying admixtures, including the recently emerging field of bio- or waste-derived admixtures. The conference builds on the experience and summarizes the activities of

the RILEM Technical Committee 260-RSC "Recommendations for Use of Superabsorbent Polymers in Concrete Construction" and addresses other prominent research activities in the field of concrete admixtures.

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