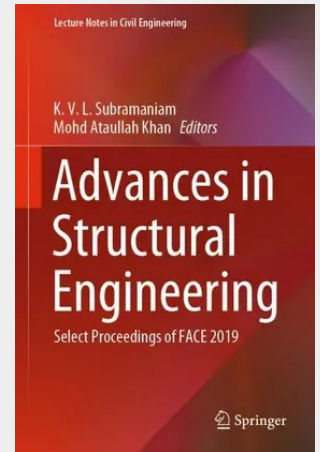


Advances in Structural Engineering

Select Proceedings of FACE 2019

This book contains selected papers in the area of structural engineering from the proceedings of the conference, *Futuristic Approaches in Civil Engineering* (FACE) 2019. In the area of construction materials, the book covers high quality research papers on raw materials and manufacture of cement, mixing, rheology and hydration, admixtures, characterization techniques and modeling, fiber-reinforced concrete, repair and retrofitting of concrete structures, novel testing techniques such as digital image correlation (DIC). Research on sustainable building materials like Geopolymer concrete and recycled aggregates are covered. In the area of earthquake engineering, papers related to the seismic response of load-bearing unreinforced masonry walls, reinforced concrete frame and buildings with dampers are covered. Additionally, there are chapters on structures subjected to vehicular impact and fire. The contents of this book will be useful for graduate students, researchers and practitioners working in the areas of concrete, earthquake and structural engineering.

This book contains selected papers in the area of structural engineering from the proceedings of the conference, *Futuristic Approaches in Civil Engineering* (FACE) 2019. In the area of construction materials, the book covers high quality research papers on raw materials and manufacture of cement, mixing, rheology and hydration, admixtures, characterization techniques and modeling, fiber-reinforced concrete, repair and retrofitting of concrete structures, novel testing techniques such as digital image correlation (DIC). Research on sustainable building materials like Geopolymer concrete and recycled aggregates are covered. In the area of earthquake engineering, papers related to the seismic response of load-bearing unreinforced masonry walls, reinforced concrete frame and buildings with dampers are covered. Additionally, there are chapters on structures subjected to vehicular impact and fire. The contents of this book will be useful for graduate students, researchers and practitioners working in the areas of concrete, earthquake and structural engineering.



213,99 €

199,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9789811540783

Medium: Buch

ISBN: 978-981-15-4078-3

Verlag: Springer

Erscheinungstermin: 14.05.2020

Sprache(n): Englisch

Auflage: 1. Auflage 2020

Serie: Lecture Notes in Civil Engineering

Produktform: Gebunden

Gewicht: 547 g

Seiten: 240

Format (B x H): 160 x 241 mm

