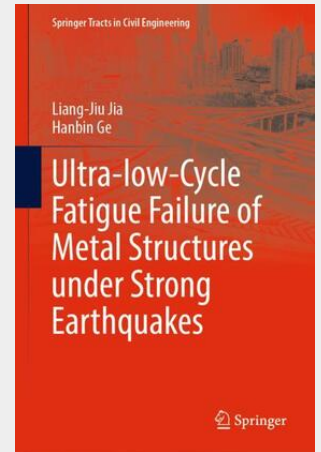


Ultra-low-Cycle Fatigue Failure of Metal Structures under Strong Earthquakes

This book presents experimental results and theoretical advances in the field of ultra-low-cycle fatigue failure of metal structures under strong earthquakes, where the dominant failure mechanism is ductile fracture. Studies on ultra-low-cycle fatigue failure of metal materials and structures have caught the interest of engineers and researchers from various disciplines, such as material, civil and mechanical engineering. Pursuing a holistic approach, the book establishes a fundamental framework for this topic, while also highlighting the importance of theoretical analysis and experimental results in the fracture evaluation of metal structures under seismic loading. Accordingly, it offers a valuable resource for undergraduate and graduate students interested in ultra-low-cycle fatigue, researchers investigating steel and aluminum structures, and structural engineers working on applications related to cyclic large plastic loading conditions.



149,79 €

139,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9789811326608

Medium: Buch

ISBN: 978-981-13-2660-8

Verlag: Springer Nature Singapore

Erscheinungstermin: 15.11.2018

Sprache(n): Englisch

Auflage: 1. Auflage 2019

Serie: Springer Tracts in Civil Engineering

Produktform: Gebunden

Gewicht: 530 g

Seiten: 221

Format (B x H): 160 x 241 mm

