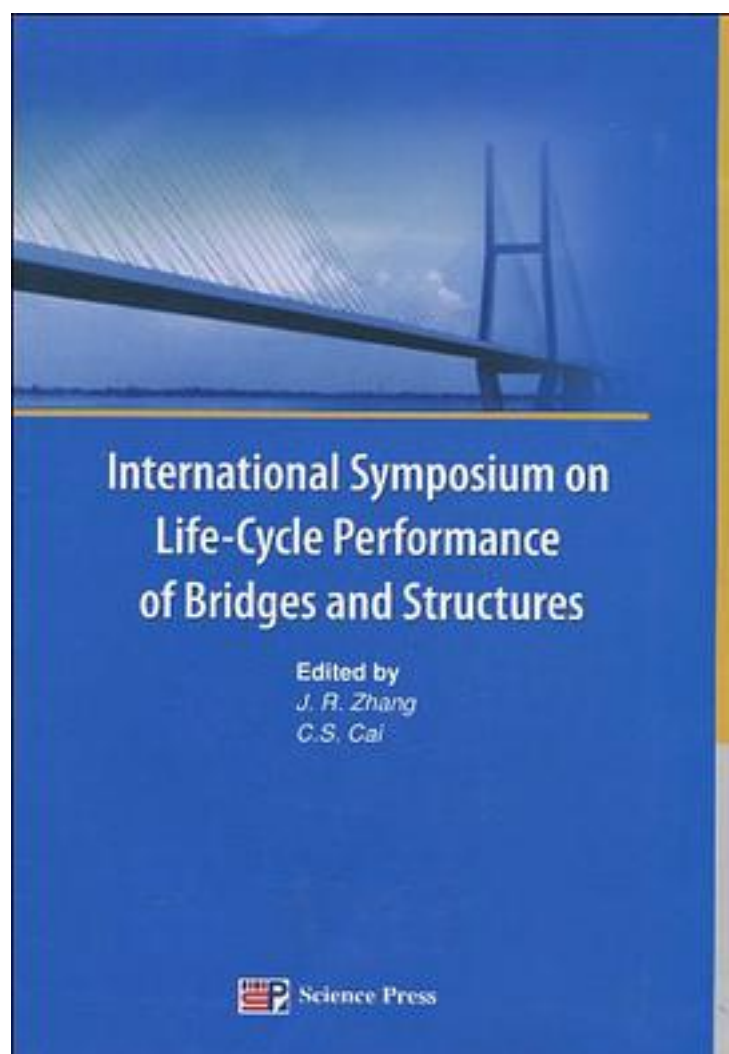


# 桥梁和结构生命周期性能评估论文集



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《桥梁和结构生命周期性能评估论文集(英文版)》内容简介: Extreme events, aging materials, harsh environments, overweight vehicles, inadequate maintenance, etc. lead to accelerated structural deteriorations of bridges and structures. To mitigate the problem with limited funds, different innovative (advanced) structural repair techniques have been under development and new materials, such as Fiber Reinforced Polymers (FRP), smart/intelligent materials, high performance concrete, and high strength steels are under implementations. The success of such implementations will largely depend on our understanding of bridges/structures performance from during construction to extreme events. This symposium provides a forum for researchers, practicing engineers and structures owners to exchange ideas on improving our understanding of bridge and structure's life-cycle performance.

The symposium is featured by 30 invited presentations, which provides more in-depth exchange of information. We also have received many high quality papers from the regular paper submission process. All together 171 full papers are selected from over 220 abstracts for publication in this proceeding.

The main scope of the conference focuses on bridge structures, covering the life-cycle performance of bridges, namely from design, to construction, to service, and to extreme events. While the topic of the conference is broad, we intended to make the conference small enough to have more personal interaction for information exchange and development of friendship. We hope this will be an enjoyable meeting and a good experience for us to treasure for years to come.

作者介绍:

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