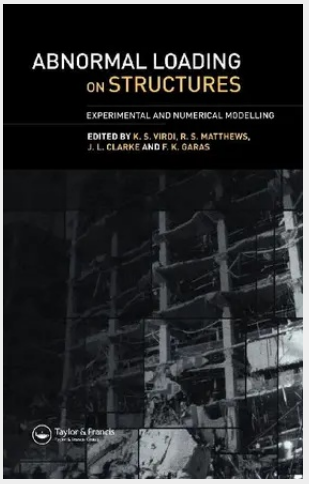
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Abnormal Loading on Structures

Experimental and Numerical Modelling

Designing for hazardous and abnormal loads has become an important requirement in the design process of most major buildings and civil engineering structures, ranging from tall buildings to bridges, power plants to harbour and coastal installations. This state-of-the-art volume was compiled by the Institution of Structural Engineers' informal study group Model Analysis as a Design Tool and City University's Structures Research Centre. It contains a series of papers on the design and analysis of structures through full scale and numerical modelling including the crucial areas of hazard identification and risk assessment of structures. This book will be essential reading for civil and structural engineers, designers and researchers.

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