

Rehabilitation of Existing Structures Subjected to Extreme Events

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Abstract text:

The paper presents the characteristics of existing structures under extreme actions, general and specific rehabilitation solutions detailed for reinforced concrete and masonry structures. Rehabilitation of different types of existing structures are described: a reinforced concrete framed structure presenting major detailing vulnerabilities at seismic actions; an apartment house affected by an explosion; two masonry buildings affected by a recent earthquake.

Key Words:

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