

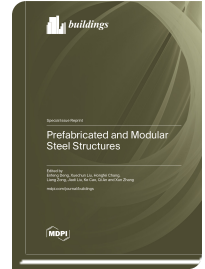


Special Issue Reprint

Prefabricated and Modular Steel Structures

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Prefabricated steel structures permit a large portion of the building to be manufactured in a factory, making it environmentally friendly and highly efficient. The modularized production of buildings has attracted extensive interest from engineers in recent years with growing environmental impact and increasing labor costs for traditional on-site construction. A steel-based module is the ideal structural form for modular construction, owing to its flexibility in architectural design, long span, lightweight, and convenience in connection.

This reprint focuses on the cutting-edge research progress in prefabricated and modular steel structures. The topics of this reprint include development and application of different types of prefabricated steel structures, mechanical behavior and design of prefabricated modularized steel structures, and so on.



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