

Shanmugam / Wang

Analysis and Design of Plated Structures

Stability

Steel and other types of plated structures are used in a variety of applications from aircrafts to ships and offshore platforms to bridges, power plants and cranes. A key issue in the use of these structures is their stability behaviour under compressive stress. Analysis and design of plated structures reviews the wealth of research in this important area and its implications for design, safety and maintenance. The book considers the various types of buckling that plated structures are likely to encounter. Chapters also review buckling in a range of materials from steel to differing types of composite. The book also discusses the behaviour of differing types of components used in steel-plated structures. These components include steel beams and columns as well as curved, stiffened, corrugated, laminated and other types of plate design. With its distinguished editors and international team of contributors, Analysis and design of plated structures is a useful standard reference for civil engineers involved in the design of plated structures.



Auf Anfrage

Nicht mehr lieferbar

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