





Special Issue Reprint

Advances in Marine Mechanical and Structural Engineering

www.mdpi.com/books/reprint/9621

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ISBN 978-3-7258-1739-9 (Hardback) ISBN 978-3-7258-1740-5 (PDF)



In the design of modern ship and offshore structures, one of the key issues is the accurate prediction of strength considering some new materials and structures used in the structural design and in extreme sea environments and accidental states. This Reprint contains the advanced analysis of marine structures and recent advanced materials and structures used in the structural design and analysis of ship and offshore platforms.





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