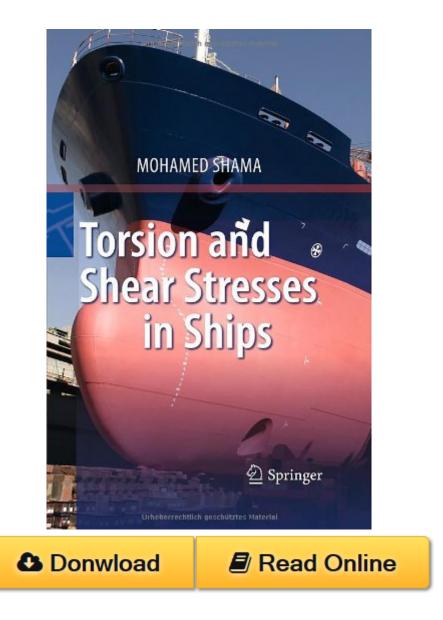
Torsion and Shear Stresses in Ships PDF



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In the last few decades, much research work was conducted to improve ship structure analysis and design. Most of the efforts were directed to improve the strength of hull girder and to use the method of finite element analysis more efficiently and effectively. Because of the high degree of complexity of ship structures the interaction between hull girder strength and local strength require special attention. The complex system of stresses could produce unacceptable deformations and high values of equivalent stresses. This book covers an area of ship structure analysis and design that has not been exhaustively covered by other books on ship structures in a simple form. It presents the basic concepts of the methods and procedures required to calculate torsion and shear stresses in ship structures. Moreover, it is enhanced with a set of some solved and unsolved problems, very useful for students of naval and marine engineering.

Torsion and Shear Stresses in Ships Review

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