



Ship Design and Structure Dynamics

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Message from the Guest Editors

The vibration and noise level of a ship directly affect the working and living environment of the staff on board, and reduce the service life of marine equipment and precision instruments. Ship structural dynamics is one of the main factors to be considered when designing a ship. In recent years, new types of ships have been constantly produced, and ship structure dynamics have presented new characteristics, requirements, and problems. Meanwhile, many new methods and techniques have been proposed to study the basic theory of ship structure vibration, the steady-state response of ship structure under periodic load, the transient response under short-term impact load, and the principles of ship structure vibration prevention and vibration reduction. This Special Issue aims to report state-of-the-art developments in the field of ship design and structure dynamics. Original research and review articles related to the topic are welcome.





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Message from the Editor-in-Chief

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