



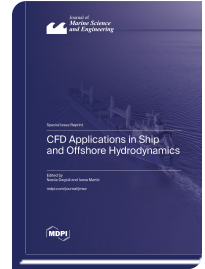
Special Issue Reprint

CFD Applications in Ship and Offshore Hydrodynamics

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This reprint comprises the papers published in the Special Issue “CFD Applications in Ship and Offshore Hydrodynamics”, featuring sixteen articles published in 2023 and 2024. It provides a comprehensive overview of the successful applications of CFD in the field of ship and offshore hydrodynamics, focusing on both potential and viscous fluid flow. The published papers cover a wide range of subjects relevant to ship and offshore hydrodynamics, including but not limited to resistance in calm water, seakeeping, added resistance in waves, dynamic responses, shallow water, roughness effects, maneuverability, underwater vehicles, fluid–structure interaction, planning hull, trim optimization, and stability of damaged ships. This reprint is intended for individuals from universities, research institutions, and the maritime industry, including designers, operators, and owners, to improve their understanding of CFD applications in ship and offshore hydrodynamics.



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