

CFD analyses on the water entry process of a freefall lifeboat

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Combined strain rate, mesh size and calibration test influence on structural failure : Miniature ship grounding test

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Comparative study of experimental and CFD results for stepped planing hulls

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Comparing a 41-year model hindcast with decades of wave measurements from the Baltic Sea

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A comprehensive stepped planing hull systematic series : part 1 - resistance test

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Declarative ship arenas under favourable conditions

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Dynamic of a planing hull in regular waves: Comparison of experimental, numerical and mathematical methods

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Fault-tolerant control allocation for a bio-inspired underactuated AUV in the presence of actuator failures : design and experiments

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A hybrid numerical model based on FNPT-NS for the estimation of long wave run-up

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Hydrodynamic study of heeled double-stepped planing hulls using CFD and 2D+T method

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Inverse-model intelligent control of fin-actuated underwater robots based on drag force propulsion

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Numerical analysis of shipping water impacting a step structure

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A revisited verification and validation analysis for URANS simulation of planing hulls in calm water

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A six-DOF theoretical model for steady turning maneuver of a planing hull

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Slamming loads and responses on a non-prismatic stiffened aluminium wedge: Part I. Experimental study

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Structural health monitoring on offshore jacket platforms using a novel ensemble deep learning model

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Surface vessel localization from wake measurements using an array of pressure sensors in the littoral zone

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