

CFD analyses on the water entry process of a freefall lifeboat

Huang, Luofeng; Tavakoli, Sasan; Li, Minghao; Dolatshah, Azam; Pena, Blanca; Ding, Boyin; **Dashtimanesh, Abbas** Ocean engineering 2021 / art. 109115, 11 p. : ill <https://doi.org/10.1016/j.oceaneng.2021.109115> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Niazmand Bilandi, Rasul; Dashtimanesh, Abbas; Mancini, Simone; Vitiello, Luigi Ocean engineering 2023 / art. 114887 <https://doi.org/10.1016/j.oceaneng.2023.114887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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Hydraulic modelling of oil spill through submerged orifices in damaged ship hulls

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

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Inherent non-stationarity in the GEV distribution for extreme sea levels : Implications for coastal vulnerability in the Baltic Sea

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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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Retrieval of directional power spectral density and wave parameters from airborne LiDAR point cloud

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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

Rätsep, Margus; Parnell, Kevin Ellis; Soomere, Tarmo; Kruusmaa, Maarja; Ristolainen, Asko; Tuhtan, Jeffrey Andrew

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