

Calm-water performance of a boat with two swept steps at high-speeds: Laboratory measurements and mathematical modeling

Niazmand Bilandi, Rasul; Vitiello, Luigi; Mancini, Simone; Nappo, Vincenzo; Roshan, Fatemeh; Tavakoli, Sasan; **Dashtimanesh, Abbas** Procedia manufacturing 2020 / p. 467-474 : ill <https://doi.org/10.1016/j.promfg.2020.02.046>

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](#)

Comparative study of experimental and CFD results for stepped planing hulls

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Comparison between the dynamic behavior of the non-stepped and double-stepped planing hulls in rough water: A numerical study

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

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Development of a mathematical model for performance prediction of planing catamaran in calm water

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Digitalization of high speed craft design and operation challenges and opportunities

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Dynamic motion analysis of stepless and stepped planing hulls in random waves: a CFD model perspective

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

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Dynamic of tunneled planing hulls in waves

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Effects of step configuration on hydrodynamic performance of one- and doubled-stepped planing flat plates: A numerical simulation

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How to improve full-scale self-propulsion simulations? A case study on a semi-displacement hull

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Hull-propeller interaction for planing boats: a numerical study

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

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Stepped hulls early stage design by implementing 2D+T method

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