

### **Comparative study on numerical hydroelastic analysis of impact-induced loads**

Yan, Dongni; **Hosseinzadeh, Saeed**; Lakshmyanarayanan, Puramharikrishnan; Mikkola, Tommi; Hirdaris, Spyros 23rd Numerical Towing Tank Symposium : 11th – 13th October 2021 Mülheim an der Ruhr, Germany 2021 / p. 150-155 : ill [https://www.uni-due.de/ISMT/ismt\\_nutts\\_2021.php](https://www.uni-due.de/ISMT/ismt_nutts_2021.php)

### **Experimental dataset on aluminium wedge slamming: Measurements of acceleration, pressure, strain, and video data**

**Hosseinzadeh, Saeed; Tabri, Kristjan; Sahk, Tarmo; Teär, Ruttar** Data in brief 2024 / art. 110818  
<https://doi.org/10.1016/j.dib.2024.110818> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Experimental study on the dynamic response of a 3-D wedge under asymmetric impact**

**Hosseinzadeh, Saeed; Tabri, Kristjan** Journal of hydrodynamics 2024 / p. 263-274 <https://doi.org/10.1007/s42241-024-0023-9>

### **Fluid-structure interaction analysis of impact-induced loads and hydroelastic responses of ship structures = Vedeliku ja konstruktsiooni vastasmõju analüüs löökoormuste ja konstruktsiooni hüdroelastse vaste hindamiseks**

**Hosseinzadeh, Saeed** 2023 <https://doi.org/10.23658/taltech.59/2023> <https://digikogu.taltech.ee/et/Item/eb163b6d-295e-4e54-bc05-6d6042ed643b> [https://www.ester.ee/record=b5640851\\*est](https://www.ester.ee/record=b5640851*est)

### **Free fall water entry of a two-dimensional asymmetric wedge in oblique slamming : a numerical study**

**Hosseinzadeh, Saeed; Izadi, Mohammad; Tabri, Kristjan** ASME 2020 : 39th International Conference on Ocean, Offshore and Arctic Engineering : Vol. 8: CFD and FSI, August 3-7, 2020 : Virtual, Online : proceedings papers 2020 / Paper No: OMAE2020-18645, V008T08A013 ; 8 pages <https://doi.org/10.1115/OMAE2020-18645> Conference proceedings at Scopus Article at Scopus

### **Free-fall water entry of a variable deadrise angle aluminium wedge : an experimental study**

**Hosseinzadeh, Saeed; Tabri, Kristjan** Developments in the Analysis and Design of Marine Structures : proceedings of the 8th International Conference on Marine Structures (MARSTRUCT 2021, 7-9 June 2021, Trondheim, Norway) 2021 / 9 p  
<https://doi.org/10.1201/9781003230373-4> [https://www.researchgate.net/publication/355712517\\_Free-fall\\_water\\_entry\\_of\\_a\\_variable\\_deadrise\\_angle\\_aluminum\\_wedge\\_an\\_experimental\\_study](https://www.researchgate.net/publication/355712517_Free-fall_water_entry_of_a_variable_deadrise_angle_aluminum_wedge_an_experimental_study)

### **Hydroelastic effects of slamming impact loads during free-fall water entry**

**Hosseinzadeh, Saeed; Tabri, Kristjan** Ships and offshore structures 2021 / p. 68-84 : ill  
<https://doi.org/10.1080/17445302.2021.1954320> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Investigation of planing vessels motion using nonlinear strip theory - an experimental and numerical study**

**Hosseinzadeh, Saeed; Khorasanchi, Mahdi; Seif, Mohammad Saeed** Ships and offshore structures 2019 / p. 684-697 : ill  
<https://doi.org/10.1080/17445302.2018.1552342>

### **Numerical investigation of hydroelastic response of a three-dimensional deformable hydrofoil**

**Hosseinzadeh, Saeed; Tabri, Kristjan** HSMV 2020 : Proceedings of the 12th Symposium on High Speed Marine Vehicles 2020 / p. 77-86 <https://doi.org/10.3233/PMST200029> Conference proceeding at Scopus Article at Scopus Article at WOS

### **A numerical sensitivity analysis of fluid-structure interaction simulations on slamming loads and responses**

**Hosseinzadeh, Saeed; Topa, Ameen; Tabri, Kristjan** IOP conference series : materials science and engineering 2023 / art. 012017, 9 p. : ill <https://doi.org/10.1088/1757-899X/1288/1/012017>

### **Slamming loads and responses on a non-prismatic stiffened aluminium wedge : Part II. Numerical simulations**

**Hosseinzadeh, Saeed; Tabri, Kristjan; Topa, Ameen; Hirdaris, Spyros** Ocean engineering 2023 / art. 114309, 20 p. : ill  
<https://doi.org/10.1016/j.oceaneng.2023.114309> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

**Hosseinzadeh, Saeed; Tabri, Kristjan; Hirdaris, Spyros; Sahk, Tarmo** Ocean engineering 2023 / art. 114510, 19 p. : ill  
<https://doi.org/10.1016/j.oceaneng.2023.114510> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS