

Analysis of mechanical vibrations caused by eccentricity in a slow-speed slotless permanent magnet generator
Tiirats, Tauno; Pabut, Ott; Kallaste, Ants; Herranen, Henrik; Naar, Hendrik; Vaimann, Toomas PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 237-241 : ill

Diffusion acoustique d'un moyeu et d'une pale

Cite, Nicolas; Chati, Farid; Leon, Fernand; Maze, Gerard; **Naar, Hendrik; Klauson, Aleksander** 10eme Congres Francais d'Acoustique : Lyon, 12-16 Avril 2010 2010 / [5] p. : ill <https://theses.hal.science/CFA2010-APU12/hal-00537192v1>

Helical reinforcement in 3D printed concrete : development and characterization of a novel reinforcement technique = Heeliksarmatuur 3D-prinditud betoonis : uudse armeerimistehnika väljatöötamine ja iseloomustamine

Hass, Lauri 2025 https://www.ester.ee/record=b5729299*est <https://digikogu.taltech.ee/et/Item/8dbb1c2d-6025-4491-a2ce-60867c902d90> <https://doi.org/10.23658/taltech.1/2025>

Higher-order shear deformation formulation for the structural response of a multideck ship

Imala, Mikk-Markus; Naar, Hendrik; Tabri, Kristjan Ships and offshore structures 2025 / 26 p <https://doi.org/10.1080/17445302.2025.2507714>

Hull and superstructure interaction using coupled beam method

Toming, Risto; Kerge, Els-Hedvig; Naar, Hendrik; Tabri, Kristjan; Romanoff, Jani; Remes, Heikki Proceedings of the 13th International Symposium on PRActical Design of Ships and Other Floating Structures : 4th-8th September, 2016, Copenhagen, Denmark 2016 / p. 851-859 : ill http://orbit.dtu.dk/files/127664364/PRADS_2016_Proceedings_ORBIT.pdf

Hull/superstructure-interaction in optimized passenger ships

Remes, Heikki; Romanoff, Jani; Varsta, Petri; Jelovica, J.; Klanac, A.; Niemelä, Ari; Bralic, Svemir; **Naar, Hendrik** Advances in marine structures : proceedings of the 3rd International Conference on Marine Structures - MarStruct 2011 : Hamburg, Germany, 28-30 March 2011 2011 / p. 625-632 <https://research.aalto.fi/publications/hullsuperstructure-interaction-in-optimized-passenger-ships>

Hull-superstructure interaction in optimised passenger ships

Romanoff, Jani; Remes, Heikki; Bralic, Svemir; **Naar, Hendrik;** Niemelä, Ari; Jelovica, Jasmin; Klanac, Alan; Varsta, Petri Ships and offshore structures 2012 / [9] p.: ill <https://www.tandfonline.com/doi/full/10.1080/17445302.2012.675196>

The influence of fibre orientation in self-compacting concrete on 4-point bending strength

Herrmann, Heiko; Goidyk, Oksana; Naar, Hendrik; Tuisk, Tanel; Braunbrück, Andres Proceedings of the Estonian Academy of Sciences 2019 / p. 337-346 : ill http://www.kirj.ee/32397/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.3.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An Initial report on the effect of the fiber orientation on the fracture behavior of steel fiber reinforced self-compacting concrete

Herrmann, Heiko; Braunbrück, Andres; Tuisk, Tanel; Goidyk, Oksana; Naar, Hendrik Short fibre reinforced cementitious composites and ceramics 2019 / p. 33-50 https://doi.org/10.1007/978-3-030-00868-0_3 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Interaction between web-core sandwich deck and hull girder of passenger ship

Romanoff, Jani; **Naar, Hendrik;** Varsta, Petri Marine systems and ocean technology 2011 / lk. 39-45 : ill <https://research.aalto.fi/en/publications/interaction-between-web-core-sandwich-deck-and-hull-girder-of-pas>

Interaction between web-core sandwich deck and hull girder of passenger ship

Romanoff, Jani; **Naar, Hendrik;** Varsta, Petri 11th International Symposium on Practical Design of Ships and Other Floating Structures : Rio de Janeiro, Brazil 2010 / p. 1071-1078 : ill <https://research.aalto.fi/en/publications/interaction-between-web-core-sandwich-deck-and-hull-girder-of-pas>

MV Estonia : Numerical modelling of bow arrangement collapse sequence

Tabri, Kristjan; Naar, Hendrik; Heinvee, Martin; Soo, A.; **Hosseinzadeh, Saeed;** Roosipuu, Tauri Trends in Collision and Grounding of Ships and Offshore Structures 2025 / p. 299-308 <http://doi.org/10.1201/9781003684404-38>

Numerical assessment procedure for the bottom contact of MV Estonia

Tabri, Kristjan; Naar, Hendrik; Šults, Andrus; Heinvee, M.; Mäesalu, M.; Matusiak, J.; Jakobsson, M.; Varushkin, S.; Kaldoja, M.; Roosipuu, Tauri Advances in the collision and grounding of ships and offshore structures : proceedings of the 9th international conference on collision and grounding of ships and offshore structures 2023 / p. 221-231 <https://www.taylorfrancis.com/chapters/edit/10.1201/9781003462170-28> <https://doi.org/https://doi.org/10.1201/9781003462170-28>

Passenger ship global static response analysis implementing a modified higher-order shear element description

Imala, Mikk-Markus; Naar, Hendrik; Tabri, Kristjan Innovations in the Analysis and Design of Marine Structures 2025 / p. 49-57 <https://doi.org/10.1201/9781003642411-6>

Shear response of prismatic passenger ship hull-girders

Melk, K.; **Naar, Hendrik** Analysis and design of marine structures : proceedings of the 4th International Conference on Marine Structures (MARSTRUCT 2013), Espoo, Finland, 25-27 March 2013 / p. 477-483 : ill

Ship collision simulations using different fracture criteria and mesh size

Kõrgesaar, Mihkel; **Tabri, Kristjan; Naar, Hendrik**; Reinhold, Edvin Proceedings of the ASME 2014 33rd International Conference on Ocean, Offshore and Arctic Engineering : OMAE2014 : June 8-13, 2014, San Francisco, California, USA 2014 / p. 1-9 : ill
<https://doi.org/10.1115/OMAE2014-23576> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A theory of coupled beams for non-prismatic ship structure

Kerge, Els-Hedvig; Naar, Hendrik; Tabri, Kristjan Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013 2013 / p. 45-51 : ill

Toward the application of the layer-wise displacement theory in passenger ships - a quasi-static response

Imala, Mikk-Markus; Naar, Hendrik; Tabri, Kristjan; Romanoff, Jani Mechanics of Advanced Materials and Structures 2023 / p. 4698-4710 <https://doi.org/10.1080/15376494.2022.2103859> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ultimate strength assessment of stiffened panel under uni-axial compression with non-linear equivalent single layer approach

Putranto, Teguh; Kõrgesaar, Mihkel; Jelovica, Jasmin; **Tabri, Kristjan; Naar, Hendrik** Marine structures 2021 / art. 103004, 17 p. : ill <https://doi.org/10.1016/j.marstruc.2021.103004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ultimate Strength Committee III.1 report

Yao, T.; Brunner, E.; **Naar, Hendrik** Proceedings of the 16th International Ship and Offshore Structures Congress. 1 2006 / p. 353-437

Ultimate strength of hull girder for passenger ships

Naar, Hendrik 2006

Ultimate strength of ship hull girder with grounding damage

Tabri, Kristjan; Naar, Hendrik; Kõrgesaar, Mihkel Ships and offshore structures 2020 / p. S161-S175
<https://doi.org/10.1080/17445302.2020.1827631> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wax actuator's empirical model development and application to underfloor heating control with varying complexity of controller modelling detail

Parts, Tuule Mall; Ferrantelli, Andrea; Naar, Hendrik; Thalfeldt, Martin; Kurnitski, Jarek Journal of building performance simulation 2023 / p. 772-796 <https://doi.org/10.1080/19401493.2023.2201818> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)