

A Quasi-dynamic approach for the evaluation of structural response in ship collisions and groundings

Kim, Sang-Jin; **Körgesaar, Mihkel**; Taimuri, Ghalib; Kujala, Pentti; Hirdaris, Spyros Proceedings of the Thirtieth (2020) International Ocean and Polar Engineering Conference Shanghai, China, October 11-16, 2020 2020 / p. 3174–3180 ["Quasi-dynamic approach" Conference proceeding at Scopus Article at Scopus](#)

Short-circuit currents calculations in street lighting networks

Armas, Jelena; Ivanov, Aleksandr; **Varjas, Toivo** 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [9] p. : ill <https://doi.org/10.1109/RTUCON.2017.8124758>

The influence of fluid structure interaction modelling on the dynamic response of ships subject to collision and grounding

Kim, Sang Jin; **Körgesaar, Mihkel**; Ahmadi, Nima; Taimuri, Ghalib; Kujala, Pentti; Hirdaris, Spyros Marine structures 2021 / art. 102875, 17 p. : ill <https://doi.org/10.1016/j.marstruc.2020.102875> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ultimate strength of ship hull girder with grounding damage

Tabri, Kristjan; Naar, Hendrik; **Körgesaar, 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](#)