

A simplified method to assess the impact of ship-to-ship collision on the risk of tanker ship hull girder breaking accounting for the effect of ageing

Woloszyk, K.; **Montewka, Jakub**; Goerlandt, F. 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 2024 / p. 413-419 : ill <https://doi.org/10.1201/9781003462170-50> [Article at Scopus](#)

Approach to account for external dynamics in fluid-structure interaction analysis in Abaqus

Sahk, Tarmo; Kõrgesaar, Mihkel; Yu, Zhaolong Innovations in the Analysis and Design of Marine Structures 2025 / p. 289-294 <https://doi.org/10.1201/9781003642411-35>

Bedload transport measurement in a Japanese gravel river using synchronized hydrodynamic and hydroacoustic pressure sensing

Tsubaki, R.; Fuentes-Perez, Juan Francisco; Kawamura, S.; **Tuhtan, Jeffrey Andrew; Sumitomo, K.** River Flow 2020 Proceedings of the 10th Conference on Fluvial Hydraulics (Delft, Netherlands, 7-10 July 2020): River Flow 2020, Online, 7-10 July 2020 2020 / p. 1476-1482 <https://doi.org/10.1201/b22619>

Comparison of eddy current theory and Finite Element Method for metal evaluation

Gordon, Rauno; Märten, Olev; Kolyshkin, Andrei Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 3 2012 / p. 41-45 : ill

Current source considerations for broadband bioimpedance spectroscopy

Annus, Paul; Min, Mart; Rist, Marek; Ojarand, Jaan; Land, Raul Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 2 2012 / p. 63-73

Dances with the Illuminati: Hands on social engineering in a classroom setting

Mäses, Sten; Lorenz, Birgy; Kikkas, Kaido; Karmo, Kristjan New Perspectives in Behavioral Cybersecurity: Human Behavior and Decision-Making Models 2024 / 7 p <https://doi.org/10.1201/9781003415060-7>

Digital transformation framework for logistics service providers : A systematic literature review

Gülmez, Secil; Denktas-Sakar, Gül Handbook of digital innovation, transformation, and sustainable development in a post-pandemic era 2024 / p. 60-77 <https://doi.org/10.1201/9781003438748-4>

Distributed energy systems : design, modeling, and control

2022 <https://www.taylorfrancis.com/books/edit/10.1201/9781003229124/distributed-energy-systems-ashutosh-giri-sabha-raj-arya-dmitri-vinnikov>

Dynamic electrical impedance measurement methods

Giannoukos, Georgios; Min, Mart Engineering Technology, Engineering Education and Engineering Management : 2014 International Conference on Engineering Technology, Engineering Education and Engineering Management (ETEEEM 2014), Guangzhou, China, 15-16 November 2014 2015 / p. 379-383 : ill <http://dx.doi.org/10.1201/b18566-91>

Eddy current validation of Euro-coins

Gordon, Rauno; Märten, Olev; Land, Raul; Min, Mart; Rist, Marek; Gavrijaševa, Alina; Pokatilov, Andrei; Kolyshkin, Andrei Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 3 2012 / p. 47-63 : ill

Energy scheduling and flexibility quantification in buildings

Ahmadihangar, Roya; Blinov, Andrei; Pefitsis, Dimosthenis Distributed energy systems : design, modeling, and control 2023 / p. 249-259 : ill <https://doi.org/10.1201/9781003229124-16>

Fundamentals of electrical machines

Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton; Janson, Kuno 2026 https://www.routledge.com/Fundamentals-of-Electrical-Machines/Kallaste-Vaimann-Rassolkin-Janson/p/book/9781032518206?srsltid=AfmBOoopOWsvE7PCg4afDRJAsSt-7MPjB1tipnsK8Yhta6i_tqjjPvPr

Future prospects

Koel, Mihkel Ionic liquids in chemical analysis 2008 / p. 397-399

Handheld impedance measurement platform for preliminary analysis in biomedicine and technology

Rist, Marek; Annus, Paul; Jaansoo, T. Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 2 2012 / p. 75-82

Hydraulic modelling of submerged oil spill including tanker hydrostatic overpressure

Sergejeva, Monika; Laanearu, Janek; Tabri, Kristjan Analysis and design of marine structures : proceedings of the 4th International Conference on Marine Structures (MARSTRUCT 2013), Espoo, Finland, 25-27 March 2013 2013 / p. 209-217 : ill

Improvised explosive devices in asymmetric conflicts : multisource data fusion for providing situational information

Preden, Jürge-Sören; Mõtus, Leo; Llinas, James; Pahtma, Raido; Savimaa, Raul; Meriste, Merik; Astapov, Sergei Case

studies in system of systems, enterprise systems, and complex systems engineering 2015 / p. 407-443 : ill

Influence of extraction methods on the raw material physic-mechanical properties of fillers

Šommet, Julija EUROCK 2010 : Rock Mechanics in Civil and Environmental Engineering 2010 / p. 841-843

<https://www.taylorfrancis.com/chapters/edit/10.1201/b10550-201/influence-extraction-methods-raw-material-physicomechanical-properties-fillers-shommet>

Integrating refinement-based methods for developing timed systems

Vain, Jüri; Tsiopoulos, Leonidas; Boström, Pontus From action systems to distributed systems : the refinement approach 2016 / p.

171-185 <http://dx.doi.org/10.1201/b20053-17>

Ionic liquids as background electrolyte additives in capillary electrophoresis

Vaher, Merike; Kaljurand, Mihkel Ionic liquids in chemical analysis 2008 / p. 185-210 : ill

Ionic liquids in chemical analysis

Koel, Mihkel 2008 https://www.ester.ee/record=b2442928*est

LCL-filter design and application

Husev, Oleksandr; Matiushkin, Oleksandr Distributed energy systems : design, modeling, and control 2023 / p. 283-294

<https://doi.org/10.1201/9781003229124-18>

Modelling of structural damage and environmental consequences of tanker grounding

Tabri, Kristjan; Aps, Robert; Mazaheri, Arsham; **Heinvee, Martin**; Jönsson, Anette; Fetissov, Mihail Analysis and design of marine structures : proceedings of the 5th International Conference on Marine Structures (MARSTRUCT 2015), Southampton, UK, 25-27

March 2015 2015 / p. 703-710 : ill

Molecular spectroscopy and ionic liquids

Koel, Mihkel Ionic liquids in chemical analysis 2008 / p. 295-306

Multiscale change detection in a supraglacial stream using surface drifters

Tuhtan, Jeffrey Andrew; Kruusmaa, Maarja; Alexander, Andreas; **Fuentes-Pérez, Juan Francisco** River Flow 2020

Proceedings of the 10th Conference on Fluvial Hydraulics (Delft, Netherlands, 7-10 July 2020): River Flow 2020, Online, 7-10 July

2020 2020 / p. 1483-1492 <https://doi.org/10.1201/b22619>

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>

Numerical study on the structural behavior of intact and damaged box beams under four-point bending load

Putranto, Teguh; Kõrgesaar, Mihkel Developments in the Collision and Grounding of Ships and Offshore Structures : Proceedings

of the 8th International Conference on Collision and Grounding of Ships and Offshore Structures (ICCGS 2019), 21-23 October, 2019,

Lisbon, Portugal 2019 / p. 139-143 <https://www.taylorfrancis.com/books/e/9781003002420/chapters/10.1201/9781003002420-17>

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>

Precise eddy current measurements : improving accuracy of determininig of electrical conductivity of metal plates

Märtens, Olev; Land, Raul; Gordon, Rauno; Min, Mart; Rist, Marek; Pokatilov, Andrei Lecture notes on impedance

spectroscopy : measurement, modeling and applications. Vol. 4 2014 / p. 109-115 : ill

Profitability of shipping and the role of fleet ownership - North European company case study

Tapaninen, Ulla Pirta; Hilmola, Olli-Pekka Kristian Handbook of digital innovation, transformation, and sustainable development

in a post-pandemic era 2024 / p. 311-329 <https://doi.org/10.1201/9781003438748-18>

Public procurement in post-transitional context : the case of Estonia

Lember, Veiko; Vaske, Veiko International handbook of public procurement 2009 / p. 409-425

Reactive testing of nondeterministic systems by test purpose-directed tester

Vain, Jüri; Kull, Andres; Kääramees, Marko; Markvardt, Maili; Raiend, Kullo Model-based testing for embedded systems 2012 /

p. 425-452 : ill https://www.researchgate.net/publication/234117187_Reactive_Testing_of_Nondeterministic_Systems_by_Test_Purpose-Directed_Tester

Review of structures and dynamics of economic complex networks: large scale payment network in Estonia

Rendón de la Torre, Stephanie; **Kalda, Jaan** Modern and interdisciplinary problems in network Science : A translational research perspective 2019 / p. 193-226 <https://doi.org/10.1201/9781351237307>

Scalable impedance spectroscopy : comparative study of sinusoidal and rectangular chirp excitations

Min, Mart; Parve, Toomas; Land, Raul; Annus, Paul Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 2 2012 / p. 33-38

Shade-tolerant PV microconverters

Sidorov, Vadim; Bakeer, Abualkasim Ahmed Ali; Maheri, Hamed Mashinchi; Hassanpour, Naser; Rahman, Showrov; Chub, Andrii Distributed Energy Systems 2023 / p. 1-22 <https://doi.org/10.1201/9781003229124-17>

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 2013 / p. 477-483 : ill

Ship collision as criteria in ship design

Varsta, Petri; Ehlers, Sören; **Tabri, Kristjan**; Klanac, A. Advanced ship design for pollution prevention 2010 / p. 191-203 : ill

Shortcomings in cybersecurity education for seafarers

Heering, Dan; Maennel, Olaf Manuel; Venables, Adrian Nicholas Developments in Maritime Technology and Engineering : Celebrating 40 years of teaching in Naval Architecture and Ocean Engineering in Portugal and the 25th anniversary of CENTEC, Volume 1 2021 / p. 49-61 <https://doi.org/10.1201/9781003216582>

A simplified approach to predict the bottom damage in tanker grounding

Heinvee, Martin; Tabri, Kristjan; Kõrgesaar, Mihkel Collision and grounding of ships and offshore structures : proceedings of the 6th International Conference, ICCGS, Trondheim, Norway, 17-19 June 2013 2013 / p. 161-169 : ill

Simulation concept of a project management company

Sutt, Jüri; Lill, Irene The organization and management of construction : 10th International Symposium : Construction Innovation and Global Competitiveness. Vol. 1 2002 / p. 654-669 : ill

Simulation concept of a project management company

Sutt, Jüri; Lill, Irene The Organization and Management of Construction : 10th International Symposium : Construction, Innovation and Global Competitiveness. Volume 1 of 2 2003 / p. 654-669 : ill

System for bioimpedance signal simulation from pulsating blood flow in tissues

Gordon, Rauno; Pesti, Ksenija Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 4 2014 / p. 51-58 : ill

The behavior of toothed-plate connectors under reversed cyclic loading

Tuhkanen, Eero; Öiger, Karl Structures and architecture : concepts, applications and challenges : proceedings of the second International Conference on Structures and Architecture, Guimarães, Portugal, 24-26 July 2013 2013 / p. 2248-2254

The damaging effect of carbonation process on frost resistant concrete after freeze/thaw cycles

Liisma, Eneli; Raado, Lembi-Merike; Kraht, Jarko Advanced Engineering and Technology II : proceedings of the 2nd Annual Congress on Advanced Engineering and Technology (CAET 2015), Hong Kong, 4-5 April 2015 2015 / p. 13-18 : ill

The role of employers, safety engineers and safety reps in the improvement of safety level at enterprises

Hrenov, Georgi; Reinhold, Karin; Tint, Margus; Tint, Piia Safety and Reliability - Safe Societies in a Changing World : proceedings of European Safety and Reliability Conference (ESREL 2018), June 17-21, 2018, Trondheim, Norway 2018 / p. 2879-2887 : ill