

AI-based surrogate model for the prediction of ship fuel consumption reflecting hydrometeorological conditions

Zhang, Mingyang; Tsoulakos, Nikolaos; **Kujala, Pentti Jouko Sakari**; Hirdaris, Spyros Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 ; vol. 9 2024 / OMAE2024-121992, V009T13A016 ; 11 pages
<https://doi.org/10.1115/OMAE2024-121992>

A ship digital twin for safe and sustainable ship operations

Hirdaris, Spyros; Zhang, M; Tsoulakos, Nikolaos; **Kujala, Pentti Jouko Sakari** State-of-the-Art Digital Twin Applications for Shipping Sector Decarbonization 2024 / p. 192–220 <https://doi.org/10.4018/978-1-6684-9848-4.ch009>