



Maritime DTU
Center for Maritime Activities

Data-driven Bayesian estimation of transfer functions

Type of project: MSc

Project description

Assuming the wave spectrum to be available (either from wave databases and/or estimated using ship-as-a-wave-buoy), transfer functions can be estimated by analysing recorded response spectra. In this project, the goal is to develop a methodology within a Bayesian framework from which transfer functions are estimated.

In the project, you will work with both simulated (synthetic) data and actual (in-service) data from ships.

Contact persons

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