

Master 2019

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Parking Assistance System for Luxury Yachts.

Einparkhilfe für Yachten.

ABSTRACT - Masterthesis

The present work shows an overview and gives an impression of the feasibility of parking systems for luxury yachts. Different expertise have been acquired, regarding the different kinds of sensor technology and which of those are applicable on the condition of present parameters for such a system. Parameters like weather conditions (sun, rain, wind and such), water properties and the individual, special environments are to be considered for such conditions. A special remark is to be made for the data processing, considering the composition of a specialized parking system with sonar, radar and laser systems. There is a basic concept at hand, which will be presented. The main focus was put on the data processing and further more, the preparation for a visualization. The thesis will be finalized with an outlook and the respective statement of cost.

That was fundamental for the design of this thesis. This master thesis is an interesting lecture for students of the technical sector, companies and other persons from the nautical sector.