

**Neural predictive tracking control of catamaran model sailboat for situation awareness applications**

**Astrov, Igor; Udal, Andres** INES 2020 : IEEE 24th International Conference on Intelligent Engineering Systems, July 8-10, 2020, Reykjavik, Iceland : proceedings 2020 / p. 153-158 : ill <https://doi.org/10.1109/INES49302.2020.9147126>

**Simulink/MATLAB based comparison of neural and basic tracking control for an autonomous surface vessel for situation awareness applications**

**Astrov, Igor; Udal, Andres; Pedai, Andrus; Sell, Raivo** 2019 IEEE 19th International Symposium on Computational Intelligence and Informatics and 7th IEEE International Conference on Recent Achievements in Mechatronics, Automation, Computer Sciences and Robotics (CINT-MACRo) 2019 / p. 000105 - 000110 : ill

**Target tracking by neural predictive control of autonomous surface vessel for environment monitoring and cargo transportation applications**

**Astrov, Igor; Udal, Andres; Roasto, Indrek; Mölder, Heigo** 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 : proceedings 2020 / 4 p <https://doi.org/10.1109/BEC49624.2020.9277115>