

Assessment of the proportion of anthropogenic underwater noise levels in passive acoustic monitoring

Mustonen, Mirko; Klauson, Aleksander; Berdnikova, Julia; Tommingas, Mihkel Proceedings of Meetings on Acoustics 2018 / art. 070003, 10 p.: ill <https://doi.org/10.1121/2.0000939>

Enhancing UWB and multi-sensor positioning with ML-based uncertainty estimation = Üililairiba ja mitme sensoriga positsioneerimissüsteemide täpsuse parandamine masinõppe meetodil

Tommingas, Mihkel 2025 https://www.eester.ee/record=b5748107*est <https://digikogu.taltech.ee/et/Item/7703d05c-98d7-48a6-939d-ab766de4d1c6> <https://doi.org/10.23658/taltech.35/2025>

Estimating UWB positioning integrity based on ranging residuals

Tommingas, Mihkel; Ulp, Sander; Alam, Muhammad Mahtab; Mürsepp, Ivo; Laadung, Taavi 2023 24th International Conference on Applied Electromagnetics and Communications (ICECOM) 2023 / 5 p <https://doi.org/10.1109/ICECOM58258.2023.10367954>

UWB and GNSS Sensor Fusion Using ML-Based Positioning Uncertainty Estimation

Tommingas, Mihkel; Laadung, Taavi; Varbla, Sander; Mürsepp, Ivo; Alam, Muhammad Mahtab IEEE Open Journal of the Communications Society 2025 / p. 2177-2189 : ill <https://doi.org/10.1109/OJCOMS.2025.3554352>

UWB positioning integrity estimation using ranging residuals and ML augmented filtering

Tommingas, Mihkel; Alam, Muhammad Mahtab; Mürsepp, Ivo; Ulp, Sander IEEE Journal of indoor and seamless positioning and navigation 2024 / p. 205-218 <https://doi.org/10.1109/JSPIN.2024.3418296>