

### **Extended fractional singular Kalman filter**

**Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard** Applied mathematics and computation 2023 / art. 127950, 15 p. : ill <https://doi.org/10.1016/j.amc.2023.127950> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Predictive acoustic localization and speaker tracking for distributed sensor networks**

**Astapov, Sergei; Berdnikova, Julia; Preden, Jürjo-Sören** 2014 13th International Conference on Control, Automation, Robotics & Vision (ICARCV 2014) : Marina Bay Sands, Singapore, 10-12th December 2014 2014 / p. 833-838 : ill

### **Simulating a cyber-attack on an autonomous sea surface vessel's rudder controller**

**Astrov, Igor; Bauk, Sanja** 2024 13th Mediterranean Conference on Embedded Computing (MECO), 11-14 June 2024, Budva, Montenegro 2024 / 7 p. : ill <https://doi.org/10.1109/MECO62516.2024.10577872> [Article at Scopus](#) [Article at WOS](#)

### **Smart elbow brace with electromyography sensors**

**Vu, Trieu Minh; Tamre, Mart; Moezzi, Reza; Safonov, Aleksei; Musalimov, Victor** Sensor letters 2018 / p. 924-930 <https://doi.org/10.1166/sl.2018.4045>

### **Using a fuzzy regulator to reduce noise**

Shumski, Andrei; **Rassõlkin, Anton**; Autsou, Siarhei; Karpovich, Dzmitry; **Kallaste, Ants; Vaimann, Toomas** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818257>