

### **Control of radial increment and winding density of composite cylindrical shells**

Kutin, Aleksei; **Arjassov, Gennadi**; **Vu, Trieu Minh**; Musalimov, Victor; Moezzi, Reza; Cyrus, Jindrich MM science journal 2020 / p. 4149-4153 [https://doi.org/10.17973/MMSJ.2020\\_11\\_2020058](https://doi.org/10.17973/MMSJ.2020_11_2020058) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Design and experimentation of fuzzy logic control for an anti-lock braking system**

**Aksjonov, Andrei**; **Vodovozov, Valery**; **Petlenkov, Eduard** BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 207-210 : ill [http://www.ester.ee/record=b2150914\\*est](http://www.ester.ee/record=b2150914*est)

### **A model-based adaptive control of an autonomous driving car for lane change maneuver**

**Astrov, Igor**; **Udal, Andres**; **Jaanus, Martin** 2021 44th International Convention on Information, Communication and Electronic Technology (MIPRO), September 27 - October 1, 2021, Opatija, Croatia : proceedings 2021 / p. 1330-1335 : ill <http://www.mipro.hr/LinkClick.aspx?fileticket=RAMnkK6T5UQ%3d&tabid=196&language=hr-HR> <https://doi.org/10.23919/MIPRO52101.2021.9597195>

### **A model-based adaptive control of turning maneuver for catamaran autonomous surface vessel**

**Astrov, Igor**; **Astrova, Irina** WSEAS Transactions on Systems and Control 2024 / p. 135-142 <https://doi.org/10.37394/23203.2024.19.14> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Self-scaling laboratory crane fuzzy logic control with anti-swing regulation [Online resource]**

**Aksjonov, Andrei**; **Vodovozov, Valery**; **Petlenkov, Eduard** 2016 57th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : October 13, 14, 2016 : conference proceedings 2016 / [6] p. : ill <https://doi.org/10.1109/RTUCON.2016.7763088>

### **Spatial representation of self-driving vehicle for virtual entity of digital twin**

**Rassõlkin, Anton**; Maksimkins, Pavels; Stupans, Andrejs; **Rjabtšikov, Viktor**; Šenfelds, Armands; **Kuts, Vladimir** Computer 2024 / p. 58-66 <https://doi.org/10.1109/MC.2023.3319108> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Wind force model and adaptive control of catamaran model sailboat**

**Astrov, Igor**; **Udal, Andres**; **Mölder, Heigo**; **Jalakas, Tanel**; **Möller, Taavi** 2022 8th International Conference on Automation, Robotics and Applications, ICARA 2022 2022 / p. 202-208 : ill <https://doi.org/10.1109/ICARA55094.2022.9738524>