

### **Hyperspectral image band selection using pooling**

**Liyanage, Dhanushka Chamara; Hudjakov, Robert; Tamre, Mart** 15th International Conference Mechatronic Systems and Materials : MSM'2020 : The book of selected, peer reviewed papers presented at the 15th International Conference Mechatronic Systems and Materials MSM'2020, July 1-3, 2020, Bialystok, Poland 2020 <https://doi.org/10.1109/MSM49833.2020.9201714>

### **Hyperspectral imaging for vehicle traction effort prediction: ISEAUTO case study**

**Valme, Daniil; Rassölklin, Anton; Liyanage, Dhanushka Chamara** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227463>

### **Hyperspectral imaging methods improve RGB image semantic segmentation of unstructured terrains**

**Liyanage, Dhanushka Chamara; Hudjakov, Robert; Tamre, Mart** 15th International Conference Mechatronic Systems and Materials : MSM'2020 : The book of selected, peer reviewed papers presented at the 15th International Conference Mechatronic Systems and Materials MSM'2020, July 1-3, 2020, Bialystok, Poland 2020 / 5 p. ill <https://doi.org/10.1109/MSM49833.2020.9201738>

### **Hyperspectral/multispectral imaging methods for quality control**

**Liyanage, Dhanushka Chamara; Tamre, Mart; Hudjakov, Robert** Handbook of research on new investigations in artificial life, AI, and machine learning 2022 / p. 438-461 <https://doi.org/10.4018/978-1-7998-8686-0.ch017>

### **Influence of illumination sources on hyperspectral imaging**

**Zahavi, Ali; Palshin, Andrei; Liyanage, Dhanushka Chamara; Tamre, Mart** Proceedings of the 2019 20th International Conference on Research and Education in Mechatronics (REM) : Wels, Austria, 23-24 May 2019 2019 / 5 p. : ill <https://doi.org/10.1109/REM.2019.8744086>

### **Modeling and synthesis of belt driven ship model testing carriage system**

**Liyanage, Dhanushka Chamara; Kivi, Indrek; Tamre, Mart** 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 167-170 : ill [http://www.esther.ee/record=b4650094\\*est](http://www.esther.ee/record=b4650094*est)

### **Motion control system for ship model towing test tank control system using synchronous servo drives**

**Liyanage, Dhanushka Chamara; Hiiemaa, Maito; Tamre, Mart** Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 151-156 : ill <http://innomet.ttu.ee/daaam/>

### **Novel band-subtraction technique to differentiate screws for microwave cavity filter tuning**

**Sekhri, Even; Tamre, Mart; Kapoor, Rajiv; Liyanage, Dhanushka Chamara** 2023 3rd International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME) 2023 / 6 p <https://doi.org/10.1109/ICECCME57830.2023.10253048>

### **Ship model basin carriage control system**

**Liyanage, Dhanushka Chamara; Aasmäe, Eva; Sutt, Kristofer Ott; Tamre, Mart; Hiiemaa, Maito** Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 151-155 : ill

### **Smart terrain perception using hyperspectral imaging = Hüperspektraal-pilditehnika maastiku nutikaks tajumiseks**

**Liyanage, Dhanushka Chamara** 2021 [https://www.esther.ee/record=b5472281\\*est](https://www.esther.ee/record=b5472281*est) <https://digikogu.taltech.ee/et/item/e94dc880-2e42-4203-8df-9f26b4b0f301> <https://doi.org/10.23658/taltech.58/2021>

### **Towing test tank control system**

**Tamre, Mart; Liyanage, Dhanushka Chamara; Hiiemaa, Maito** NCSIE : труды Международной мультиконференции Сетевое партнерство в науке, промышленности и образовании : Санкт-Петербург, Россия, 4-6 июля 2016 2016 / p. 275-282 : ill