

### **Aerial imagery based long-range path planning for unmanned ground vehicle**

**Hudjakov, Robert; Tamre, Mart** 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD 2011 / [7] p

### **Aerial imagery classification and path planning**

**Hudjakov, Robert; Tamre, Mart** 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 147-148 : ill

### **Aerial imagery terrain classification for long-range autonomous navigation**

**Hudjakov, Robert; Tamre, Mart** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 530-535 : ill

### **Comparison of aerial imagery and satellite imagery for autonomous vehicle path planning**

**Hudjakov, Robert; Tamre, Mart** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 301-308 : ill

### **Control of autonomous mobile robots using wireless network and MATLAB**

**Vu, Trieu Minh; Tamre, Mart; Hudjakov, Robert; Shvarts, Dmitry; Põlder, Ahti; Hiimaa, Mairo; Juurma, Märt** Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 235-240 : ill  
<http://innomet.tu.ee/daaam/>

### **Development of virtual reality interface for remote robot control**

**Lees, Üleri; Hudjakov, Robert; Tamre, Mart** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 247-250 : ill

### **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 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>

### **Implementation of integrated wireless network and MATLAB system to control autonomous mobile robot**

**Tamre, Mart; Hudjakov, Robert; Shvarts, Dmitry; Põlder, Ahti; Hiimaa, Mairo; Juurma, Märt** International Journal of Innovative Technology and Interdisciplinary Sciences : IJTIS 2018 / p. 18-25 : ill <https://doi.org/10.1515/IJTIS.2018.1.1.18-25>

### **Long-range navigation for unmanned off-road ground vehicle = Kaugmaa navigatsioonisüsteem maastikuvõimekusega autonoomsetele liikuritega**

**Hudjakov, Robert** 2012 [https://www.ester.ee/record=b2906409\\*est](https://www.ester.ee/record=b2906409*est)

### **Orthophoto classification for UGV path planning using heterogeneous computing**

**Hudjakov, Robert; Tamre, Mart** International journal of advanced robotic systems 2013 / [7] p. : ill

### **Orthophoto analysis for UGV long-range autonomous navigation**

**Hudjakov, Robert; Tamre, Mart** Estonian journal of engineering 2011 / 1, p. 17-27 : ill

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

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