

- Assisting control algorithms for simplified operation of remotely controlled unmanned ground vehicle**
Hiemaa, Maido; Tamre, Mart 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD 2011 / [5] p
- Automated inspection system of electric motor stator and rotor sheets**
Roosileht, Ingmar; Mets, Oliver; Lentsius, Marek; Heering, Siim; Hiemaa, Maido; Tamre, Mart Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 283-288 : ill
- Control of autonomous mobile robots using wireless network and MATLAB**
Vu, Trieu Minh; Tamre, Mart; Hudjakov, Robert; Shvarts, Dmitry; Põlder, Ahti; Hiemaa, Maido; 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.ttu.ee/daaam/>
- Cubesat mission for multispectral Earth observation from low Earth orbit**
Karmin, Martin; Ehrminger, Robin Benjamin; Shatov, J.; Mzhavia, Tornike; Vaher, Olev; Dihuliya, D.; Hiemaa, Maido; Tamre, Mart Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 128-133 : ill
- Design and development of the optical system for the nanosatellite using RP**
Koop, Riho; Braziulis, Donatas; Olabode, Olaide Felix; Pecollari, Klevi; Gunasekaran, Balaji; Juurma, Märt; Tamre, Mart; Hiemaa, Maido Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 31-36 : ill <http://innomet.ttu.ee/daaam/>
- Gesture controlled human machine interface for future machines**
Praks, Teet; Romot, Caspar; Sillat, Mari-Liis; Soomänd, Kristjan; Hiemaa, Maido; Tamre, Mart; Juurma, Märt Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 268-272 : ill
- Hybrid locomotion of autonomous vehicle - UGV**
Tamre, Mart; Sell, Raivo; Hiemaa, Maido; Leitaru, Erki; Salong, Peeter 8th International Workshop on Research and Education in Mechatronics 2007 : 14-15 June 2007, Tallinn, Estonia 2007 / p. 305-308 : ill
- Implementation of integrated wireless network and MATLAB system to control autonomous mobile robot**
Tamre, Mart; Hudjakov, Robert; Shvarts, Dmitry; Põlder, Ahti; Hiemaa, Maido; Juurma, Märt International Journal of Innovative Technology and Interdisciplinary Sciences : IJTIS 2018 / p. 18-25 : ill <https://doi.org/10.15157/IJTIS.2018.1.1.18-25>
- Intelligent energy management of unmanned ground vehicle**
Hiemaa, Maido; Tamre, Mart Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 542-547 : ill
- Lab 3: Actuators : the actuator board. Lab 3a: Permanent-magnet DC motors. Lab 3b: Radio-controlled (RC) servo motors. Lab 3c: Stepper motors**
Sell, Raivo; Hiemaa, Maido Hands-on Lab exercises 2008 / p. 51-78 : ill
- Low speed motion feedback for the unmanned ground vehicle**
Hiemaa, Maido; Tamre, Mart Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 293-300 : ill
- Low speed motion feedback from the unmanned ground vehicle wheels by single-pole magnetic encoders**
Hiemaa, Maido; 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. 145-146 : ill
- Motion control system for ship model towing test tank control system using synchronous servo drives**
Liyanage, Dhanushka Chamara; Hiemaa, Maido; 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/>
- Motion planner for skid-steer unmanned ground vehicle = Liikumise plaanija külisroolimisega mehitamata maasõidukile**
Hiemaa, Maido 2013 https://www.ester.ee/record=b2992371*est
- Practical issues in utilizing intelligent motion control layer in UGV-type robots**
Hiemaa, Maido; Tamre, Mart 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 190-192 : ill
- Reconfigurable battery pack for unmanned ground vehicle**
Hiemaa, Maido; Tamre, Mart 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 200-203 : ill

Rolling tyre counting system

Sinani, Uljan; Sajedi Sabegh, Nima; Hiimaa, Mairo; Tamre, Mart Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 209-213 : ill <http://innomet.ttu.ee/daaam/>

Ship model basin carriage control system

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

Technology for rapid foot support making

Karu, Mihkel; Henno, Elvis; Veskimäe, Vello; **Tamre, Mart; Juurma, Märt; Hiimaa, Mairo** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 238-242 : ill

Towing test tank control system

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

UGV-type robot motion control simulation

Hiimaa, Mairo; Tamre, Mart 7th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Narva-Jõesuu, Estonia, 16.06-19.06.2009] 2009 / p. 43-46 : ill

Using wireless sensor network components in practical assignments of master's study mechatronics course

Hiimaa, Mairo; Tamre, Mart 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 193-196 : ill