

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. [Il] 2010 / p. 530-535 : ill

An investigation of image processing techniques for substrate classification based on dominant grain size using RGB images from UAV

Arif, Mohammad Shafi M.; Gülch, Eberhard; **Tuhtan, Jeffrey Andrew**; Thumser, Philipp; Haas, Christian International journal of remote sensing 2017 / p. 2639-2661 : ill <http://dx.doi.org/10.1080/01431161.2016.1249309>

Analysis of accuracy characteristics for calculation method of aircraft noise levels in the vicinity of airports

Zaporozhets, Oleksander; Shylo, Valery; Reznik, Volodymyr Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 361-366: ill

Comparison of single-rate and two-rate neural control approaches for coaxial rotor/ducted-fan TUAV for situational awareness applications

Pedai, Andrus; Astrov, Igor; Udai, Andres 2018 IEEE 16th International Symposium on Intelligent Systems and Informatics (SISY), 13-15 Sept. 2018 : proceedings 2018 / p. 63–68 : ill <http://dx.doi.org/10.1109/SISY.2018.8524720>

Controlled bidirectional DC circuit breaker with zero negative current for high load shift applications

Raghavendra I, Venkata; Naik, Satish B.; Sreekanth, Thamballa; **Chub, Andrii** IEEE transactions on industry applications 2022 / p. 6942-6951 <https://doi.org/10.1109/TIA.2022.3193345> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Designing of the airports according with factor of an aircraft noise

Kartyshev, Oleg; Zaporozhets, Oleksander Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 367-370

Droonimured ja nende lahendused

Strandberg, Marek Inseneeria 2016 / lk. [6] : fot

Dynamic modelling of a turbo-prop aircraft using the U-vector expansion method

Gustavsson, Mats Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 163-166: ill

Enhancement of Unmanned Aerial Vehicle photogrammetry by high-resolution airborne laser scanning data [Electronic resource]

Julge, Kalev; Ellmann, Artu 26th IUGG General Assembly 2015 : Prague, Czech Republic, Prague Congress Centre, June 22-July 02, 2015 2015 / [1] p

Evaluating the accuracy of orthophotos and 3D models from UAV photogrammetry

Julge, Kalev; Ellmann, Artu Geophysical research abstracts 2015 / p. EGU2015-655

Exterior-rotor permanent magnet synchronous machine with toroidal windings for unmanned aerial vehicles

Nukki, Rene; Kilk, Aleksander; Kallaste, Ants; Vaimann, Toomas; Tiimus, Kristjan PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 215-220 : ill

Flight control of unmanned rotorcrafts for enhanced situational awareness

Astrov, Igor 2014 https://www.ester.ee/record=b4528435*est

Flight control of vectored thrust aerial vehicle by neural network predictive controller for enhanced situational awareness

Astrov, Igor; Pikkov, Mihhail; Paluoja, Rein World Academy of Science, Engineering and Technology 2013 / p. 77-81 : ill

Generator mode analysis of exterior-rotor PM synchronous machine with Gramme's winding

Nukki, Rene; Kilk, Aleksander; Kallaste, Ants; Vaimann, Toomas; Tiimus, Kristjan 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 347-352 : ill <http://dx.doi.org/10.1109/PowerEng.2015.7266341>

High resolution TSM mapping of dredging operations using automated UAV activated by online in situ measurements : proof on concept

Rikka, Sander; Kõuts, Tarmo; Pärt, Siim; Vahter, Kaimo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 83 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

High-efficiency internal combustion engine for unmanned aircraft use

Tiimus, Kristjan; Murumäe, Mikk; **Väljaots, Eero; Tamre, Mart** The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts 2013 / p. 244-245 : ill

High-efficiency internal combustion engine used in the unmanned aircraft

Tiimus, Kristjan; Murumäe, Mikk; **Väljaots, Eero; Tamre, Mart** Mechatronics systems and materials VI 2015 / p. 928-933 : ill <http://dx.doi.org/10.4028/www.scientific.net/SSP.220-221.928>

Kergekaal, kärbeskaal... : [väikesed õhusõidukid]

Luczkowski, Teodor Tehnikamaailm 2002 / 12, lk. 60-62, 65

Light-weight multicopter structural design for energy saving = Kergklassi multikopteri energiatarbe vähendamise konstruktsioonilised lahendused

Aleksandrov, Dmitri 2013 http://www.ester.ee/record=b2994326*est

LQG flight control of VTAV for enhanced situational awareness

Astrov, Igor; Pikkov, Mihhail; Paluoja, Rein World Academy of Science, Engineering and Technology. International journal of mechanical, industrial science and engineering 2013 / p. 981-986 : ill

Modified Q-Z-Source DC Circuit Breaker for Next-Generation Electric Aircrafts

Aditya, P.; Venkata Raghavendra, I.; Banavath, Satish Naik; **Chub, Andrii;** Song, Xiaoqing; **Vinnikov, Dmitri;** Wang, Fred 2023 IEEE Applied Power Electronics Conference and Exposition (APEC) 2023 / p. 1049–1056

Motion control of vectored thrust aerial vehicle for enhanced situational awareness

Astrov, Igor; Pikkov, Mihhail; Paluoja, Rein Mathematical applications in science and mechanics : [proceedings of the conferences : Dubrovnik, Croatia, June 25-27, 2013] 2013 / p. 59-64 : ill

Naatan Kvarki raamaturiilul

Agur, Ustus Horisont 1976 / lk. 26-27 https://www.ester.ee/record=b1072243*est <http://www.digar.ee/id/nlib-digar:291334>
https://www.ester.ee/record=b1311922*est https://www.ester.ee/record=b1166267*est

Neural network motion control of VTAV by NARMA-L2 controller for enhanced situational awareness

Astrov, Igor; Berezovski, Natalya International journal of computer, electrical, automation, control and information engineering 2015 / p. 1784-1788 : ill <http://scholar.waset.org/1999.4/10001781>

A system of systems solution for perimeter control : combining unmanned aerial system with unattended ground sensor network

Kaugerand, Jaanus; Preden, Jürjo-Sören; Suurjaak, Erki; Astapov, Sergei; Mõtus, Leo; Pahtma, Raido 9th Annual IEEE International Systems Conference : April 13-16, 2015, Vancouver, British Columbia, Canada : proceedings 2015 / p. 317-323 : ill <https://doi.org/10.1109/SYSCON.2015.7116770>

Zero-redundancy fault-tolerant resonant dual active bridge converter for more electric aircrafts

Chub, Andrii; Buticchi, Giampaolo; **Sidorov, Vadim; Vinnikov, Dmitri** 2022 IEEE 13th International Symposium on Power Electronics for Distributed Generation Systems (PEDG) 2022 / 6 I. <https://doi.org/10.1109/PEDG54999.2022.9923154>

The main classification of light aerial vehicles

Pütsep, Kristjan 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 89-90 https://www.ester.ee/record=b5291755*est

Two-rate LQG control of VTAV for enhanced situational awareness

Astrov, Igor Recent advances in circuits, systems, signal processing and communications : proceedings of the 8th WSEAS International Conference on Circuits, Systems, Signal and Telecommunications (CSST '14) : Tenerife, Spain, January 10-12, 2014 2014 / p. 163-168 : ill

Two-rate motion control of VTAV by NARMA-L2 controller for enhanced situational awareness [Electronic resource]

Astrov, Igor 2016 39th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO) : May 30-June 3, 2016, Opatija, Croatia : proceedings 2016 / p. 1126-1131 : ill. [CD-ROM] <https://doi.org/10.1109/MIPRO.2016.7522309>

Two-rate neural predictive control of coaxial rotor/ducted-fan TUAV for enhanced situational awareness

Astrov, Igor; Berezovski, Natalya; Pikkov, Mihhail; Kimlaychuk, Vadim International Conference on Information Society (i-Society 2015) : London, UK, November 9-11, 2015 2015 / p. 127-132 : ill <http://dx.doi.org/10.1109/i-Society.2015.7366873>

Vesinikdroonid said tuule tiibadesse äriinkubaatoris

Reineberg, Lisete Tartu Postimees 2021 / Lk. 4 : fot <https://dea.digar.ee/article/tartupostimees/2021/05/27/7.13>