

Airbusi roheline helikopter : [Bluecopter]

Luczkowski, Teodor Tehnikamaailm 2016 / lk. 72-73 : fot https://artiklid.elnet.ee/record=b2780251*est

Analysis and study of the influence of the geometrical parameters of mini unmanned quad-rotor helicopters to optimise energy saving

Penkov, Igor; Aleksandrov, Dmitri International journal of automotive and mechanical engineering 2017 / p. 4730-4746 : ill <https://doi.org/10.15282/ijame.14.4.2017.11.0372> [Journal metrics at Scopus](#) [Article at Scopus](#)

Camera gimbal control system for unmanned platforms

Tiimus, Kristjan; Tamre, Mart Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [Il] 2010 / p. 560-565 : ill

Camera gimbal control system for unmanned platforms

Tiimus, Kristjan; 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. 202-207 : ill

Control of hovering manoeuvres in unmanned helicopter for enhanced situational awareness

Astrov, Igor; Pedai, Andrus Proceedings of the 2009 IEEE International Conference on Mechatronics and Automation : August 9-12, Changchun, China 2009 / p. 143-146 : ill <https://ieeexplore.ieee.org/document/5156580>

Desired trajectory generation of a quadrotor helicopter using hybrid control for enhanced situational awareness

Astrov, Igor; Pedai, Andrus; Rüstern, Ennu Proceedings of the 2010 IEEE International Conference on Information and Automation : June 20-23, Harbin, China 2010 / p. 1003-1007 : ill <https://ieeexplore.ieee.org/document/5512295>

Efficiency optimization of mini unmanned multicopter

Penkov, Igor; Aleksandrov, Dmitri International review of aerospace engineering 2017 / p. 277-281 : ill <https://doi.org/10.15866/irease.v10i5.12132> [Journal metrics at Scopus](#) [Article at Scopus](#)

Enhanced situational awareness for AUV's stochastic model by multirate neural control

Astrov, Igor; Pedai, Andrus SysCon 2010 Proceedings : 2010 IEEE International Systems Conference (SysCon 2010), San Diego, California, USA, April 5-8, 2010 2010 / p. 66-70 : ill <https://ieeexplore.ieee.org/document/5482465>

Enhancing situational awareness by means of hybrid adaptive neural control of vertical flight in unmanned helicopter [Electronic resource]

Pedai, Andrus; Astrov, Igor ICCAS 2008 CD-ROM proceedings : International Conference on Control, Automation and Systems 2008 (ICCAS 2008, Seoul, Korea, October 14-17, 2008) 2008 / p. 329-332 [CD-ROM] <https://ieeexplore.ieee.org/document/4694666>

Enhancing situational awareness through neural regulation of take-off and landing manoeuvres in unmanned helicopter

Astrov, Igor; Pedai, Andrus Recent advances in computational intelligence, man-machine systems and cybernetics : proceedings of 7th WSEAS International Conference on Computational Intelligence, Man-machine Systems and Cybernetics (CIMMACS'08) : Cairo, Egypt, December 29-31, 2008 2008 / p. 29-34 https://www.researchgate.net/publication/228896465_Enhancing_situational_awareness_through_neural_regulation_of_take-off_and_landing_manoeuvres_in_unmanned_helicopter

Eurocopteri mudelirohkus

Luczkowski, Teodor Tehnikamaailm 2012 / lk. 68-70 : ill https://artiklid.elnet.ee/record=b2483064*est

Flight trajectory control of an eight-rotor UAV for enhanced situational awareness

Astrov, Igor; Pedai, Andrus Recent Researches in System Science : proceedings of the 15th WSEAS International Conference on Systems (part of the 15th WSEAS CSCC Multiconference) : Corfu Island, Greece, July 14-16, 2011 2011 / p. 77-82 <http://www.wseas.us/e-library/conferences/2011/Corfu/SYSTEMS/SYSTEMS-10.pdf>

Increasing of power characteristics of mini UAV helicopter by changing of its geometrical parameters

Aleksandrov, Dmitri; Penkov, Igor Machines, technologies, materials : [virtual journal] 2012 / p. 30-32 : ill <http://trans-motauto.com/sbornik/2012/22.INCREASING%20OF%20POWER%20CHARACTERISTICS%20OF%20MINI%20UAV%20HELICOPTER%20BY%20C-HANGING%20OF%20ITS%20GEOMETRICAL%20PARAMETERS.pdf>

18 minutiga üle lahe

Luczkowski, Teodor Tehnikamaailm 2011 / 5, lk. 90-92, 95 : ill https://artiklid.elnet.ee/record=b2399812*est

Kergekaal, kärbeskaal... : [väikesed õhusõidukid]

Luczkowski, Teodor Tehnikamaailm 2002 / 12, lk. 60-62, 65 https://artiklid.elnet.ee/record=b1011253*est

Kopterile kiirust juurde

Luczkowski, Teodor Tehnikamaailm 2010 / 11, lk. 76-77 : ill https://artiklid.elnet.ee/record=b2166146*est

Kopteriudiseid

Luczkowski, Teodor Tehnikamaailm 2004 / 12, lk. 80-82 : ill https://artiklid.elnet.ee/record=b1047614*est

Lahinghelikopterid nagu lendavad tankid

Loide, Rein-Karl Horisont 2005 / 2, lk. 48-49 : ill https://artiklid.elnet.ee/record=b2038825*est

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

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

Meie Robinson : [kopteritest]

Luczkowski, Teodor Autopluss 1998 / 7, lk. 68-70: ill

Modular multi-rotor helicopter platforms

Tiimus, Kristjan; Tamre, Mart Mechatronic systems and materials VI 2015 / p. 110-115 : ill

<https://doi.org/10.4028/www.scientific.net/SSP.220-221.110> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Modular multi-rotor helicopter platforms

Tiimus, Kristjan; Tamre, Mart The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts 2013 / p. 242-243 : ill

Motion control of UAV having eight rotors for enhanced situational awareness

Astrov, Igor; Pedai, Andrus World Academy of Science, Engineering and Technology 2011 / p. 694-701 : ill

<https://zenodo.org/records/1070115>

Optimal gap distance between rotors of mini quadrotor helicopter

Aleksandrov, Dmitri; Penkov, Igor Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 251-255 : ill

Optimization mini unmanned helicopter energy consumption by changing geometrical parameters of coaxial rotor pairs

Aleksandrov, Dmitri; Penkov, Igor 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 / p. 139-141 : ill

Optimization of lift force of mini quadrotor helicopter by changing of gap size between rotors

Aleksandrov, Dmitri; Penkov, Igor Mechatronic systems and materials IV 2013 / p. 226-231 : ill

<https://doi.org/10.4028/www.scientific.net/SSP.198.226> [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#) [Article at WOS](#)

Ospreyd ekspordiks

Luczkowski, Teodor Tehnikamaailm 2014 / lk. 72-73 : fot https://artiklid.elnet.ee/record=b2672305*est

Piirivalvurite vahetus

Luczkowski, Teodor Tehnikamaailm 2007 / 5, lk. 60-61 : fot https://artiklid.elnet.ee/record=b1995337*est

Pirtsakas Helena

Luczkowski, Teodor Tehnikamaailm 2018 / lk. 67-68 : fot http://www.ester.ee/record=b1073050*est

https://artiklid.elnet.ee/record=b2834536*est

Propeller shrouding influence on lift force of mini unmanned quadcopter

Penkov, Igor; Aleksandrov, Dmitri International journal of automotive and mechanical engineering 2017 / p. 4486-4495 : ill

<https://doi.org/10.15282/ijame.14.3.2017.7.0354> [Journal metrics at Scopus](#) [Article at Scopus](#)

Riik vajab veel vähemalt üht kopterit

Roosipuu, Tauri Meremees. Veeteede Ameti teataja 2017 / lk. 18-20 : fot http://www.ester.ee/record=b4646644*est

https://issuu.com/ajakirimeremees/docs/meremees_2017_4-4._va_teataja_2017

Rotor lifting force optimization by changing dimensions of rim around it

Aleksandrov, Dmitri; Penkov, Igor 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 / p. 292-295 : ill

Ründav kopter

Luczkowski, Teodor Tehnikamaailm 2000 / 1, lk. 44-47: ill https://artiklid.elnet.ee/record=b1003049*est

Sikorsky Soome lahe kohal : [helikopterid]

Luczkowski, Teodor Tehnikamaailm 2000 / 5, lk. 40-41 : ill https://artiklid.elnet.ee/record=b1003926*est

Sikorsky, kopteri sünonüüm USAs

Luczkowski, Teodor Tehnikamaailm 2016 / lk. 82-85 : fot https://artiklid.elnet.ee/record=b2777011*est

Situational awareness based flight control of a four-rotor type UAV

Astrov, Igor; Pedai, Andrus Recent Researches in Automatic Control : 13th WSEAS International Conference on Automatic Control, Modelling and Simulation (ACMOS'11) : Lanzarote, Canary Islands, Spain, May 27-29, 2011 2011 / p. 63-68
https://www.researchgate.net/profile/Andrus-Pedai/publication/228410099_Situational_awareness_based_flight_control_of_a_four-rotor_type_UAV/links/0a85e52e763a72405e000000/Situational-awareness-based-flight-control-of-a-four-rotor-type-UAV.pdf?origin=scientificContributions

Situational awareness based neural flight control of a coaxial rotor/ducted-fan helicopter

Astrov, Igor; Pikkov, Mihhail; Paluoja, Rein Recent advances in systems science : proceedings of the 17th International Conference on Systems (part of CSCC '13) : Rhodes Island, Greece, July 16-19, 2013 2013 / p. 54-59 : ill

Situational awareness based on neural control of an autonomous helicopter during hovering manoeuvres

Astrov, Igor; Pedai, Andrus Proceedings of 5th International Conference on Electrical and Computer Engineering (ICECE 2008) : Dhaka, Bangladesh, December 20-22, 2008 2008 / p. 857-860 <https://ieeexplore.ieee.org/document/4769331>

Teadlased hakkavad kopterilt jääd uurima : [TTÜ meresüsteemide instituudi teadlased]

Postimees 2010 / 9. veebr., lk. 4 <https://www.postimees.ee/222095/eesti-teadlased-hakkavad-kopterilt-jaad-uurima>

Three-rate neural control of TUAV with coaxial rotor and ducted fan configuration for enhanced situational awareness

Astrov, Igor; Pedai, Andrus 2012 International Conference on Control, Automation and Information Sciences (ICCAIS) : [Ho Chi Minh City, Vietnam, November 26-29, 2012 : proceedings] 2012 / p. 78-83 : ill <https://ieeexplore.ieee.org/document/6466634>

15 pikka aastat

Luczkowski, Teodor Tehnikamaailm 2008 / 7, lk. 66-68 : ill https://artiklid.elnet.ee/record=b1064449*est