

Against the flow : a Braitenberg controller for a fish robot

Salumäe, Taavi; Rano, Inaki; Akanyeti, Otar; Kruusmaa, Maarja 2012 IEEE International Conference on Robotics and Automation : ICRA : Saint Paul, Minnesota, USA, May 14-18, 2012 / p. 4210-4215 : ill <https://ieeexplore.ieee.org/document/6225023>

A bio-inspired compliant robotic fish : design and experiments

EL Daou, Hadi; Salumäe, Taavi; Toming, Gert; Kruusmaa, Maarja 2012 IEEE International Conference on Robotics and Automation : ICRA : Saint Paul, Minnesota, USA, May 14-18, 2012 / p. 5340-5345 : ill https://www.researchgate.net/publication/254041437_A_bio-inspired_compliant_robotic_fish_Design_and_experiments

Depth controls of an autonomous underwater vehicle by neurocontrollers for enhanced situational awareness

[Electronic resource]

Astrov, Igor; Pedai, Andrus WCSET 2009 CD-ROM proceedings : International Conference on Marine and Naval Engineering ICMNE 2009. 2009 World Congress on Science, Engineering and Technology : WCSET 2009 : Oslo, Norway, July 29-31, 2009 / p. 486-489 [CD-ROM]

Depth multirate control of an autonomous underwater vehicle for enhanced situational awareness [Electronic resource]

Astrov, Igor; Pedai, Andrus; Rüstern, Ennu RoViSP'09 CD-ROM proceedings : 7th International Conference on Robotics, Vision, Signal Processing and Power Applications "Sustaining Engineers of Tomorrow" : Awana Porto Malai, Langkawi Island, Malaysia, December 19-20, 2009 / [8] p. [CD-ROM]

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 / p. 66-70 : ill <https://ieeexplore.ieee.org/document/5482465>

Enhancing situational awareness through multirate control of an autonomous underwater vehicle

Astrov, Igor; Pedai, Andrus; Rüstern, Ennu Proceedings of the 2009 IEEE International Conference on Mechatronics and Automation : August 9-12, Changchun, China 2009 / p. 1184-1189 : ill <https://ieeexplore.ieee.org/document/5246459?reload=true&arnumber=5246459>

Hydrodynamic pressure sensing with an artificial lateral line in steady and unsteady flows

Venturelli, Roberto; **Ježov, Jaas; Toming, Gert; Kruusmaa, Maarja** Bioinspiration & biomimetics 2012 / 12 p. : ill <https://pubmed.ncbi.nlm.nih.gov/22498729/>

Läänemereel hakkab silma peal hoidma robotkala : [TTÜ doktorandi Madis Listaku loodud allveerobotist]

Olesk, Arko; **Listak, Madis** Postimees 2007 / 8. sept., AK, lk. 10 <https://www.postimees.ee/1700669/laanemereel-hakkab-silma-peal-hoidma-robotkala>

Multirate depth control of an AUV by neural network model reference controller for enhanced situational awareness

[Electronic resource]

Astrov, Igor; Gordon, Boris Proceedings of the International Conferences : Recent Researches in Applied Information Science : [Faro, Portugal, May 2-4, 2012] 2012 / p. 32-37 : ill [CD-ROM] <http://www.wseas.us/e-library/conferences/2012/Algarve/BICA/BICA-04.pdf>

Multirate depth control of an AUV by neural network predictive controller for enhanced situational awareness [Electronic resource]

Astrov, Igor; Pedai, Andrus 5th International Symposium on Computational Intelligence and Intelligent Informatics (ISCII 2011) : Floriana, Malta, September 15-17, 2011 : proceedings 2011 / p. 47-52 [CD-ROM] <https://ieeexplore.ieee.org/document/6069740>

Multirate depth control of an AUV by neurocontroller for enhanced situational awareness

Astrov, Igor; Pedai, Andrus Advances in Computational Intelligence, Man-Machine Systems and Cybernetics 2010 / p. 21-26 : ill https://www.researchgate.net/publication/228917649_Multirate_depth_control_of_an_AUV_by_neurocontroller_for_enhanced_situational_awareness

Multirate neural control for AUV's increased situational awareness during diving tasks using stochastic model

Astrov, Igor; Pedai, Andrus Proceedings of the World Academy of Science, Engineering and Technology 2010 / p. 337-343 : ill https://www.researchgate.net/publication/290764780_Multirate_neural_control_for_AUV's_increased_situational_awareness_during_diving_tasks_using_stochastic_model

Multirate neural control for AUV's increased situational awareness during diving tasks using stochastic model [Electronic resource]

Astrov, Igor; Pedai, Andrus ICMISE 2010 CD-ROM proceedings : International Conference on Machine Intelligence and Systems Engineering : Singapore, December 18-20, 2010 / p. 214-220 [CD-ROM]

Myometry-driven compliant-body design for underwater propulsion

Akanyeti, Otar; **Listak, Madis; Ernits, Andres; Fiazza, Maria-Camilla; Toming, Gert; Kulikovskis, Guntis; Raag, Rasmus; Salumäe, Taavi; Fiorini, Paolo; Kruusmaa, Maarja** IEEE International Conference on Robotics and Automation : ICRA 2010 : Anchorage, Alaska, USA, 3-7 May 2010 / p. 84-89 <https://ieeexplore.ieee.org/document/5509431>

Operatsioon Estonia: kuidas plaanib riik lahendada laevahuku saladuse

Kund, Oliver Eesti Päevaleht 2020 / Lk. 4-5 : ill <https://dea.digar.ee/article/eestipaevaleht/2020/10/22/6.1>

Rene Arikas : Miks peab Estoniat taas uurima? [Võrguväljaanne]

Arikas, Rene ohtuleht.ee 2021 ["Rene Arikas : Miks peab Estoniat taas uurima?"](#)

Robotkala ja tehislihased TTÜ biorobootika keskuses

Toonpere, Piret; Listak, Madis TalveAkadeemia 2010 : Läänemeri - vaga vesi, sügav põhi : 26.-28. veebruar Laulasmaal 2010 / lk. 15-16 : fot

Swimming speed control and on-board flow sensing of an artificial trout

Kruusmaa, Maarja; Toming, Gert; Salumäe, Taavi; Ježov, Jaas; Ernits, Andres 2011 IEEE International Conference on Robotics and Automation : ICRA : May 9-13, 2011, Shanghai, China 2011 / p. 1791-1796 : ill

https://www.researchgate.net/publication/224252443_Swimming_speed_control_and_on-board_flow_sensing_of_an_artificial_trout

TTÜ teadlased loovad allveearheoloogidele osavat robotkilpkonna : [TTÜ biorobootikakeskuse töödest]

Lõugas, Hans Eesti Päevaleht 2013 / lk. 2-3 <https://epl.delfi.ee/artikkel/67117078/ttu-teadlased-loovad-allveearheoloogidele-osavat-robotkilpkonna>

Veealustest droonidest võib saada peagi osa argipäevast [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2021 ["Veealustest droonidest võib saada peagi osa argipäevast"](#)

Värske doktoritöö: kuidas juhtida drooni, mis suudab manööverdada igas suunas?

digi.geenius.ee 2023 [Värske doktoritöö: kuidas juhtida drooni, mis suudab manööverdada igas suunas?](#)
<http://digikogu.taltech.ee/et/item/17167e2e-2c31-451c-834d-1da98160b2ce>