



1. Name: Tengis Tserendondog

2. Education – degree, discipline, institution, year:

Ph.D: Stereo vision and control system, Mongolian University of Science and Technology, 2018

MSc: Electronic engineer, Computer Science and Management School (CSMS), Mongolian University of Science and Technology (MUST), 2002

BSc: Electronic engineer, Computer Science and Management School (CSMS), Mongolian University of Science and Technology (MUST), 2002

3. Academic experience – institution, rank, title,

2019-present: Associate professor, School of Information and Communication Technology, Mongolian University of Science and Technology, full-time;

2014-2019: Lecturer, School of Information and Communication Technology, Mongolian University of Science and Technology, full-time;

2010-2014: Deputy Director of academic affair. Computer Science and Management School, Mongolian University of Science and Technology;

2002-2010: Lecturer, Computer Science and Management School, Mongolian University of Science and Technology, full time;

4. Research work

1. Introduction of Result Management System at MUST. Technology Fund Project of the Mongolian University of Science and Technology

2. Preliminary Feasibility Study for Information Technology Communication High Technology Innovation Cluster, State Commissioned Project.

3. “Unbalanced System Research” in the framework of higher education reform ADB, 2017

4. Development of artificial intelligence-based drones, Ministry of Education, Culture and Science

Briefly list the most important publications

A.

1. ¹Ts.Tengis, ^{2*}L. Uurtsaikh, ^{3*}A. Batminkh “Balancing a seesaw with reinforcement learning”, International Journal of Advanced Culture Technology, 2020

2. Tengis Tserendondog, Batmunkh Amar, “Control of Single Propeller Pendulum with Supervised Machine Learning Algorithm”, *International Journal of Advanced Smart Convergence Vol.7 No.3 15-22 (2018)*, <http://dx.doi.org/10.7236/IJASC.2018.7.3.15>

3. Tengis Tserendondog, Batmunkh Amar, “Controlling Single Propeller Pendulum with Supervised Machine Learning Algorithm” IFOST 2018.

4. Tengis Tserendondog, Batmunkh Amar. International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 6, Issue 9, September 2017, Experimental approach to Pole Placement problem of State Feedback Control for Quadrotor Stabilization in Hovering Mode. ISSN (Online): 2278 – 8875, Impact Factor

5. Tserendondog Tengis, Amar Batmunkh” Quadcopter stabilization using state feedback controller by pole placement method” International Journal of Internet, Broadcasting and Communication Vol.9 No.1, 1-6, E-ISSN number, 2288-4939, Index: KCI

B.

1. Ц. ТЭНГИС, А.БАТМӨНХ “Disturbance Rejection Control for Unbalanced Double-Propeller System on Single Axis” ХҮРЭЛТӨГӨӨТ 2017

2. Amar Batmunkh, Tserendondog Tengis "State feedback control simulation of quadcopter model" IFOST 2016.

3. Tserendondog Tengis, Amar Batmunkh, Ragchaa Byambajav, Badarch Luubaatar "State Feedback Control of Unbalanced Seesaw" IFOST 2016

4. Tserendondog Tengis, Amar Batmunkh, "Mapping of Real -Time 3D Object Movement". 1st International Integrated Conference and Concert on Convergence, IICCC 2015, Ulaanbaatar, Mongolia, August 13-19, Revised Selected Papers, pp 1-7, Best Paper Award

5. Tserendondog Tengis* and Amar Batmunkh*. "Mapping of Real-Time 3D object movement" International Journal of Internet, Broadcasting and Communication Vol.7 No.2 1-8 (2015) <http://dx.doi.org/10.7236/IJIBC.2015.7.2.1>, E-ISSN number, 2288-4939, Index: KCI

6. Textbook for analog circuitry

7. Copyright - 10

Contact:

Address: MUST, SICT -220

Tel: +976 99095618

Email: tengis@must.edu.mn