

Technická univerzita v Košiciach
Prehľad publikačnej činnosti vrátane ohlasov
Autor: GIROVSKÝ, Peter
Dátum generovania výstupu: 25. 1. 2021, 17:56:57

Skupina A1 - Knižné publikácie charakteru vedeckej monografie (AAA, AAB, ABA, ABB, ABC, ABD)

Počet záznamov: 1

AAB - Vedecké monografie vydané v domácich vydavateľstvách (1)

Skupina A2 - Ostatné knižné publikácie (ACA, ACB, BAA, BAB, BCB, BCI, EAI, CAA, CAB, EAJ, FAI)

Počet záznamov: 8

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách (6)

BCI - Skriptá a učebné texty (2)

Skupina B - Publikácie v karentovaných vedeckých časopisoch a autorské osvedčenia, patenty a objavy (ADC, ADD, AEG, AEH, BDC, BDD, CDC, CDD, AGJ)

Počet záznamov: 4

ADC - Vedecké práce v zahraničných karentovaných časopisoch (3)

AGJ - Autorské osvedčenia, patenty, objavy (1)

Skupina C - Ostatné recenzované publikácie (ACC, ACD, ADE, ADF, AEC, AED, AFA, AFB, AFC, AFD, AFE, AFF, AFG, AFH, BBA, BBB, BCK, BDA, BDB, BDE, BDF, BEC, BED, BFA, BFB, BGH, CDE, CDF)

Počet záznamov: 91

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch (8)

ADF - Vedecké práce v domácich nekarentovaných časopisoch (30)

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (2)

AED - Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (27)

AFC - Publikované príspevky na zahraničných vedeckých konferenciách (8)

AFD - Publikované príspevky na domácich vedeckých konferenciách (14)

BDF - Odborné práce v domácich nekarentovaných časopisoch (2)

Skupina N - Nové kategórie EPC v zmysle Vyhlášky č. 456/2012 (ADM, ADN, AEM, AEN, BDM, BDN, CBA, CBB)

Počet záznamov: 3

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (1)

ADN - Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS (2)

Skupina D - Ostatné - mimo kategórií MŠSR

Počet záznamov: 4

DAI - Dizertačné a habilitačné práce (1)

GAI - Výskumné štúdie a priebežné správy (3)

Počet záznamov spolu: 111

Citácie v časopisoch indexovaných v databáze Web of Science Core Collection - 9x

Citácie v databáze Web of Science Core Collection – okrem časopisov - 20x

Citácie v zahraničnom neindexovanom časopise - 29x

Citácie v domácom neindexovanom časopise - 2x

Menný zoznam publikácií:

AAB - Vedecké monografie vydané v domácich vydavateľstvách(1)

AAB001 [91161] **Modelovanie a riadenie elektrických pohonov s využitím neurónových sietí /**

Jaroslav Timko, Jaroslava Žilková, Peter Girovský - 1. vyd - Košice : C-Press - 2009. - 205 s. - ISBN 978-80-8086-124-7.

[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách(6)

ACB001 [55547] **Elektrické pohony** : cvičenia / Jaroslav Timko, Jaroslava Žilková, Peter Girovský - Košice : TU, - 2006. - 139 s. - ISBN 80-8073-530-1.

[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

ACB002 [59507] **Elektrotechnika** / Jaroslav Timko, Jaroslava Žilková, Peter Girovský - 1. vyd. - Košice : FEI TU, - 2007. - 212 s. - ISBN 978-80-8073-779-5.

[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

ACB003 [59527] **Electrical drives** / Jaroslav Timko, Jaroslava Žilková, Peter Girovský - 1. vyd. - Košice : FEI TU, - 2007. - 147 s. - ISBN 80-8073-529-8.

[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

Ohlasy:

2009 [4] CIBUĽA, Ľ.: Direct torque control of asynchronous motor help of fuzzy controller. In: SCYR 2009 : 9th Scientific Conference of Young Researchers : May 13th, 2009 Košice, Slovakia. Košice : FEI TU, 2009. S. 27-30. ISBN 978-80-553-0178-5. [CD-ROM].

2009 [4] KOVÁČ, M.: Fuzzy vector control of AM. In: SCYR 2009 : 9th Scientific Conference of Young Researchers : May 13th, 2009 Košice, Slovakia. Košice : FEI TU, 2009. S. 49-52. ISBN 978-80-553-0178-5. [CD-ROM].

2009 [4] KÖVER, Š.: Fuzzy direct torque control of the AM. In: SCYR 2009 : 9th Scientific Conference of Young Researchers : May 13th, 2009 Košice, Slovakia. Košice : FEI TU, 2009. S. 178-181. ISBN 978-80-553-0178-5. [CD-ROM].

2008 [4] CIBUĽA, Ľ.: DTC of asynchronous motor with help of fuzzy logic. In: 8th Scientific conference of young Researchers of Faculty of Electrical Engineering and Informatics Technical University of Košice : Proceeding from Conference, Košice, 26th May 2008. S. 42. ISBN 978-80-553-0036-8.

ACB004 [64591] **Elektrické pohony a výkonová elektronika** / Jaroslav Timko, Jaroslava Žilková, Peter Girovský - 1. vyd - Košice : TU FEI, - 2007. - 183 s.

[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

ACB005 [77122] **Elektrické pohony a výkonová elektronika** / Jaroslav Timko ... [et al.] - Košice : TU, - 2008. - 177 s. - ISBN 978-80-553-0093-1.

[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - DUDRIK, Jaroslav - GIROVSKÝ, Peter]

ACB006 [84248] **Elektrické akčné členy a pohony** / Jaroslav Timko ... [et al.] - Košice : TU, FEI, - 2009. - 287 s. - ISBN 978-80-553-0168-6.

[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - DUDRIK, Jaroslav - GIROVSKÝ, Peter]

ADC - Vedecké práce v zahraničných karentovaných časopisoch(3)

ADC001 [125804] **Modelling and control of tinning line entry section using neural networks** / J. Žilková, J. Timko, P. Girovský - 2012. In: International Journal of Simulation Modelling. Vol. 11, no. 2 (2012), p. 1-12. - ISSN 1726-4529

[ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav - GIROVSKÝ, Peter]

Ohlasy:

2013 [3] DEŽELAK, Mihael - STEPIŠNIK, Andrej - PAHOLE, Ivo Experimental and numerical

approaches to improve springback prediction and compensation In: Journal for Technology of Plasticity Vol. 38, no. 1 (2013), p. 13-21 ISSN: 0354-3870

2016 [1] SENVETER, J. et al. Prediction of technological parameters of sheet metal bending in two stages using feed-forward neural network In: Tehnicki Vjesnik Vol. 23, no. 4 (2016), p. 1155-1161 ISSN: 1330-3651

2017 [1] ČUROVÁ, D. et al. Intelligent space at center for intelligent technologies - system proposal In: SAMI 2017 : IEEE 15th International Symposium on Applied Machine Intelligence and Informatics : Herľany, 26-28 January, 2017 P. 191-195 ISBN: 978-150905654-5

2017 [1] OGRIZEK, B. et al. Concept of intelligent supporting information system for development of new appliances In: Advances in Production Engineering and Management Vol. 12, no. 2 (2017), p. 196-204 ISSN: 1854-6250

2017 [1] LIU, Lei et al. Neural Network-Based High-Accuracy Motion Control of a Class of Torque-Controlled Motor Servo Systems with Input Saturation In: Strojnicki vestnik - Journal of Mechanical Engineering Vol. 63, no. 9 (2017), p. 519-528 ISSN: 0039-2480

ADC002 [187859] **The device to measuring of the load angle for salient-pole synchronous machine in education laboratory** / Ján Kaňuch, Peter Girovský - 2018. In: Measurement. Vol. 116 (2018), p. 49-55. - ISSN 0263-2241 Spôsob prístupu: <https://www.sciencedirect.com/science/article/pii/S0263224117306668>. [KAŇUCH, Ján - GIROVSKÝ, Peter]

Ohlasy:

2019 [1] LOPAC, N., BULIĆ, N., VRKIC, N. Sliding mode observer-based load angle estimation for salient-polewound rotor synchronous generators In: Energies Vol. 12, no. 9 (2019), p. 1-22 ISSN: 1996-1073

2020 [1] KOVÁČ, J. et al. Integrated Palletizing Workstation with an Industrial Robot and a Cobot In: Advances in Intelligent Systems and Computing : RAAD 2019 : 28th International Conference on Robotics in Alpe-Adria-Danube : Kaiserslautern, 19-21 June, 2019 Vol. 980 (2020), p. 202-209 ISSN: 2194-5357 ISBN: 978-303019647-9

2019 [1] ŠEBÖK, Milan et al. Thermal diagnostic systems and their application for analysis of transformer winding In: Diagnostyka Vol. 20, no. 2 (2019), p. 49-55 ISSN: 1641-6414

2019 [1] SKALA, Bohumil et al. Current sensor with low inductance In: EPE 2019 : 20th International Scientific Conference on Electric Power Engineering : Kouty nad Desnou, 15-17 May, 2019 P. 336-340 ISSN: 2376-5623 ISBN: 978-1-7281-1333-3

2019 [1] SKALA, Bohumil - HRUSKA, Karel Parallel Winding of a Synchronous Generator In: EPE 2019 : 20th International Scientific Conference on Electric Power Engineering : Kouty nad Desnou, 15-17 May, 2019 P. 110-113 ISSN: 2376-5623 ISBN: 978-1-7281-1333-3

2019 [1] GUTTEN, M. et al. Moisture measurement of transformer by time methods In: MEASUREMENT 2019 : 12th International Conference on Measurement : Smolenice, 27-29 May, 2019 P. 311-314 ISBN: 978-809726293-8

2019 [2] KORENČIAK, D. et al. Measurement of difference parameters of transformer winding in frequency domain In: MEASUREMENT 2019 : 12th International Conference on Measurement : Smolenice, 27-29 May, 2019 Art. no. 8780045 (2019), p.319-322 ISBN: 978-809726293-8

2020 [1] SKALA, B. et al. Intelligent High Current Sensor for Various Frequency In: EPE 2020 : ECCE Europe : 22nd European Conference on Power Electronics and Applications : Lyon, 7-11 September,

2020 Art. no. 9215709 ISBN: 978-907581536-8

ADC003 [218402] **Optimization of Vehicle Braking Distance Using a Fuzzy Controller** / Peter Girovský, Jaroslava Žilková, Ján Kaňuch - 2020. In: Energies. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 13, č. 11 (2020), s. 1-15 [online]. - ISSN 1996-1073 (online) Spôsob prístupu: <https://www.mdpi.com/1996-1073/13/11/3022>.
[GIROVSKÝ, Peter - ŽILKOVÁ, Jaroslava - KAŇUCH, Ján]

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch(8)

ADE001 [26309] **An inverse neural model for controlling non-linear dynamic systems** / Jaroslava Žilková, Jaroslav Timko, Peter Girovský - 2003. In: Acta technica CSAV. Vol. 48 (2003), p. 365-377. - ISSN 0001-7043
[ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav - GIROVSKÝ, Peter]

ADE002 [54526] **Nonlinear system control using neural networks** / Jaroslava Žilková, Jaroslav Timko, Peter Girovský - 2006. In: Acta Polytechnica Hungarica. Vol. 3, no. 4 (2006), p. 85-94. - ISSN 1785-8860
[ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav - GIROVSKÝ, Peter]

Ohlasy:

2010 [3] JAMUNA, V., REDDY, S. Rama Artificial neural network based speed control of bidirectional chopper fed induction motor drive using DFRT theory In: Asian Power Electronics Journal Vol. 4, no. 1 (2010), p. 36-42 ISSN: 1995-1051

2010 [3] JAMUNA, V., REDDY, S. Rama Modeling and speed control of induction motor drives using neural networks In: The Annals of DUNAREA de JOS University of Galati : fascicle 3 Vol. 33, no. 1 (2010), p. 40-49 ISSN: 1221-454X

2010 [1] VENKATESAN, J., REDDY, S. R. Neural network controlled energy saver for induction motor drive In: Journal of Industrial Technology Vol. 26, no. 1 (2010), p. 1-10 ISSN: 0882-6404

2010 [1] TUDORACHE, T., ROMAN, C. The numerical modeling of transient regimes of diesel generator sets In: Acta Polytechnica Hungarica Vol. 7, no. 2 (2010), p. 39-53 ISSN: 1785-8860

2009 [3] VITTEK, Ján et al. Forced dynamics control of an actuator with linear PMSM In: Facta Universitatis : series: Electronics and Energetics Vol. 22, no. 2 (2009), p. 183-194 ISSN: 0353-3670

2008 [3] BENSALAM, Y. et al. A sensorless neural network speed control of induction motor drive In: International Journal of Systems Signal Control and Engineering Application Vol. 1, no. 2 (2008), p. 150-158 ISSN: 1997-5422

2010 [1] IVANKOVIC, Z. et al. Applianse of Neural Networks in Basketball Scouting In: Acta Polytechnica Hungarica Vol. 7, no. 4 (2010), p. 167-180 ISSN: 1785-8860

2010 [1] DAHUNSI, O. A., PEDRO, J.O., NYANDORO, O.T. System identification and neural network based pid control of servo- Hydraulic vehicle suspension System In: Transactions of the South African Institute of Electrical Engineers Vol. 101, no. 3 (2010), p. 93-105 ISSN: 0038-2221

2011 [1] LEE, C.-H., YU, T.-M., CHIEN, J.-C. Adaptive neural network controller design for a class of nonlinear systems using SPSA algorithm In: IMECS 2011 : International MultiConference of Engineers and Computer Scientists 2011 : Kowloon; 16 March 2011 through 18 March 2011 P. 868-873 ISBN: 978-988192512-1

2008 [2] VITTEK, J. et al.: Experimental verification of chattering free sliding mode control of the drive position employing PMSM. In: Journal of Electrical Engineering - Elektrotechnický časopis. Roč. 59, č. 3 (2008), s. 139-145. ISSN 1335-3632.

2008 [1] VITTEK, J. et al.: Chattering free sliding mode control law for the drive employing PMSM position control. In: OPTIM 2008: Proceedings of the 11th International Conference on Optimization of electrical and electronic equipment: May 22-23, 2008. Brasov: The Transilvania University of Brasov, 2008. p. 115-120. ISBN 978-973-131-028-2.

2008 [1] VITTEK, J. et al.: Comparison of sliding mode and forced dynamics control of electric drive with a flexible coupling employing PMSM. In: IEEE ICIT 2008: IEEE International Conference on Industrial Technology: 21-24 April 2008. Piscataway: IEEE, 2008. p. 1-6. ISBN 978-1-4244-1706-3.

2009 [4] CIBULA, L.: Direct torque control of asynchronous motor help of fuzzy controller. In: SCYR 2009 : 9th Scientific Conference of Young Researchers : May 13th, 2009 Košice, Slovakia. Košice : FEI TU, 2009. S. 27-30. ISBN 978-80-553-0178-5. [CD-ROM].

2009 [4] KOVÁČ, M.: Fuzzy vector control of AM. In: SCYR 2009 : 9th Scientific Conference of Young Researchers : May 13th, 2009 Košice, Slovakia. Košice : FEI TU, 2009. S. 49-52. ISBN 978-80-553-0178-5. [CD-ROM].

2009 [4] KÖVER, Š.: Fuzzy direct torque control of the AM. In: SCYR 2009 : 9th Scientific Conference of Young Researchers : May 13th, 2009 Košice, Slovakia. Košice : FEI TU, 2009. S. 178-181. ISBN 978-80-553-0178-5. [CD-ROM].

2011 [1] EDDAHECH, A., BRIAT, O., VINASSA, J.M. Neural networks based model and voltage control for lithium polymer batteries In: SDEMPED 2011 - 8th IEEE Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives : 5. - 8. september 2011, Bologna P. 645-650 ISBN: 978-142449303-6

2012 [1] VÁRKONYI, T.A., TAR, J.K., RUDAS, I.J. VS-type stabilization of MRAC controllers using robust fixed point transformations In: SACI 2012 - 7th IEEE International Symposium on Applied Computational Intelligence and Informatics : Proceedings : Timisoara : 24-26 May, 2012 P. 389-394 ISBN: 978-146731011-6

2013 [1] TLILI, S., MIBAR, H. A new approach of approximation and stability for a class of discrete nonlinear systems In: International Review of Automatic Control Vol. 5, no. 1 (2013), p. 40-48 ISSN: 1974-6059

2014 [1] ABDEL GHAFAR, Hesham F., HAMMAD, Sherif A. , YOUSEF, Ahmed H. Stability analysis of embedded nonlinear predictor neural generalized predictive controller In: Alexandria Engineering Journal Vol. 53, no. 1 (2014), p. 41-60 ISSN: 1110-0168

2012 [3] ATRI, Amit, ILYAS, Md. Speed Control of DC Motor using Neural Network Configuration In: International Journal of Advanced Research in Computer Science and Software Engineering Vol. 2, no. 5 (2012), p. 209-212 ISSN: 2277-128X

2013 [3] PRASAD, B. et al. Speed Generation and Control of DC Motor Using Neural Network Configuration In: International Journal of Scientific Research Vol. 2, no. 5 (2013), p. 106-109 ISSN: 2277-8179

2009 [3] VAVRŮŠ, V. et al. Forced dynamics speed control of the drive with linear PMSM In: Logistika No. 6 (2009) ISSN: 1231-5478

2012 [3] BRAZDIL, Michal, KOMINKOVA OPLATKOVA, Zuzana, BOBAL, Vladimir Experimental Design of a Feedforward Neural Network Structure for Linear Plants Identification In: The 1st Virtual International Conference on Advanced Research in Scientific Fields (ARSA-2012) : December 3-7, 2012 P. 1931-1935 ISSN: 1338-9831 ISBN: 978-80-554-0825-5

2012 [3] ABAKAROV, A. et al. Control of a solar dryer through using a fuzzy logic and low-cost model-based sensor In: CIGR-Ageng2012 : International Conference of Agricultural Engineering : 8.7.2012-12.7.2012, Valencia ISBN: 978-84-615-9928-8

2013 [1] MECHERNENE, A., CHRIFI ALAOU, L., ZERIKAT, M. et al. VGPI controller for high performance speed tracking of induction motor drive In: 2013 3rd International Conference on Systems and Control, ICSC 2013 : Algiers, Algeria, 29-31 October 2013 P. 472-477 ISBN: [978-1-4799-0273-6]

2015 [1] MADHAVAN, P, SINHA, A, PANDIAN, J Direct inverse control of a 3 DOF tandem helicopter model using wavelet neural network In: International Journal of Applied Engineering Vol. 10, no. 12 (2015), p. 31257-31267 ISSN: 0973-4562

2015 [1] BELFIORE, N.P., RUDAS, I.J. Applications of computational intelligence to mechanical engineering In: CINTI 2014 - 15th IEEE International Symposium on Computational Intelligence and Informatics : Proceedings : Budapest, Hungary P. 351-368 ISBN: 978-147995338-7

2015 [1] KILIC, E. et al. A comparative analysis of FLC and ANFIS controller for vector controlled induction motor drive In: ACEMP 2015 : Joint International Conference : Side, 2-4 September, 2015 P. 102-106 ISBN: 978-146737239-8

2016 [1] KILIC, Erdal - OZCALIK, Hasan Riza - YILMAZ, Saban Efficient speed control of induction motor using RBF based model reference adaptive control method In: Automatika Vol. 57, no. 3 (2016), p. 714-723 ISSN: 0005-1144

2018 [1] KILIC, Erdal - OZCALIK, Hasan Riza - SIT, Sami Adaptive controller with RBF neural network for induction motor drive In: International Journal of Numerical Modelling-Electronic Networks Devices and Fields Vol. 31, no. 3 (2018), article no. e2280 ISSN: 0894-3370

2018 [1] MARSHIANA, D., THIRUSAKTHIMURUGAN, P. Measurement and Control of Non-Linear Data Using ARMA Based Artificial Neural Network In: International Journal of Nonlinear Sciences and Numerical Simulation Vol. 19, no. 5 (2018), p. 499-510 ISSN: 1565-1339

2017 [1] AIMERBTAM, Nuttapol - PANJAPORNPON, Chanin Monitoring and Control of Droplet Size in a Micro-channel Reactor for Biodiesel Production In: ICSPC 2017 : IEEE conference : Melaka, December 15-17, 2017 P. 83-87 ISBN: 978-1-5386-0386-4

2017 [1] TIAN, Hongfei - WANG, Yinan - ZHOU, Peyiao Analysis on the developmental trend of adaptive control theory and the applications on electric machine control In: ICCCI 2017 : International Conference on Computer Communication and Informatics : Coimbatore, 5-7 Januar, 2017 ISSN: 2329-7190 ISBN: 978-1-4673-8856-6

2019 [1] KAHANI, Mostafa - VATANKHAH, Gholamhossein Thermal performance prediction of wickless heat pipe with Al₂O₃/water nanofluid using artificial neural network In: Chemical engineering communications Vol. 206, no. 4 (2019), p. 509-523 ISSN: 0098-6445

2018 [1] SAKHRE, V., JAIN, S., SINGH, U.P. Fuzzy induced counter propagation neural network (FCPN) for the control of reactive distillation column In: Journal of Advanced Research in Dynamical and Control Systems Vol. 10, no. 13 (2018), p. 184-192 ISSN: 1943-023X

2018 [1] ANKALAKI, Shilpa et al. Design and implementation of neural network based non linear control system (LQR) for target tracking mobile robots In: ICACCI 2018 : 7th International Conference on Advances in Computing, Communications and Informatics : 19-22 September, 2018 P. 1222-1228 ISBN: 978-1-5386-5314-2

2019 [1] MARAO, Luis Afonso et al. Deep Reinforcement Learning Control of an Autonomous Wheeled Robot in a Challenge Task: Combined Visual and Dynamics Sensing In: ICAR 2019 : 19th International

Conference on Advanced Robotics : Belo Horizonte, 02-06 December, 2019 P. 368-373 ISBN: 978-1-7281-2467-4

ADE003 [54527] **Comparison of three types of neural speed estimators for the induction motor drive** / Jaroslava Žilková, Jaroslav Timko, Peter Girovský - 2006.In: Journal of Electrical Engineering. Vol. 6, no. 2 (2006), p. 3-8. - ISSN 1582-4594
[ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav - GIROVSKÝ, Peter]

ADE004 [59528] **Shaft sensorless vector control of an induction motor** / Jaroslav Timko, Jaroslava Žilková, Peter Girovský - 2007.In: Acta Technica CSAV. Vol. 52, no. 1 (2007), p. 81-91. - ISSN 0001-7043
[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

Ohlasy:

2011 [1] ZHOU, Yafu, SHEN, Xiaoyong, LIAN, Jing Study on Feed-Forward MAP-Based Vector Control Method of Vehicle Drive Motor In: Intelligent Computing and Information Science Vol. 135, (2011), p. 110-115 ISSN: 1865-0929

2009 [4] CIBUĽA, L.: Direct torque control of asynchronous motor help of fuzzy controller. In: SCYR 2009 : 9th Scientific Conference of Young Researchers : May 13th, 2009 Košice, Slovakia. Košice : FEI TU, 2009. S. 27-30. ISBN 978-80-553-0178-5. [CD-ROM].

2009 [4] KOVÁČ, M.: Fuzzy vector control of AM. In: SCYR 2009 : 9th Scientific Conference of Young Researchers : May 13th, 2009 Košice, Slovakia. Košice : FEI TU, 2009. S. 49-52. ISBN 978-80-553-0178-5. [CD-ROM].

2009 [4] KÖVER, Š.: Fuzzy direct torque control of the AM. In: SCYR 2009 : 9th Scientific Conference of Young Researchers : May 13th, 2009 Košice, Slovakia. Košice : FEI TU, 2009. S. 178-181. ISBN 978-80-553-0178-5. [CD-ROM].

ADE005 [76063] **Direct torque control of the asynchronous motor** / Ľubomír Cibula ... [et al.] - 2008.In: Journal of Computer Science and Control Systems. (2008), p. 18-21. - ISSN 1844-6043
[CIBUĽA, Ľubomír - TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

Ohlasy:

2009 [4] KOVÁČ, M.: Fuzzy vector control of AM. In: SCYR 2009 : 9th Scientific Conference of Young Researchers : May 13th, 2009 Košice, Slovakia. Košice : FEI TU, 2009. S. 49-52. ISBN 978-80-553-0178-5. [CD-ROM].

2009 [4] KÖVER, Š.: Fuzzy direct torque control of the AM. In: SCYR 2009 : 9th Scientific Conference of Young Researchers : May 13th, 2009 Košice, Slovakia. Košice : FEI TU, 2009. S. 178-181. ISBN 978-80-553-0178-5. [CD-ROM].

ADE006 [99202] **Modelling of neural network speed estimator for field oriented control of induction motor** / P. Girovský, J. Timko, J. Žilková - 2010. - 1 elektronický optický disk (CD-ROM).In: Metalurgija. Vol. 49, no. 2 (2010), p. 231-235. - ISSN 0543-5846
[GIROVSKÝ, Peter - TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava]

ADE007 [99203] **Controlling the tinning line input stage (Metalurgija)** / J. Timko ... [et al.] - 2010. - 1 elektronický optický disk (CD-ROM).In: Metalurgija. Vol. 49, no. 2 (2010), p. 561-565. - ISSN 0543-5846
[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter - KUŠIAK, Ivan]

ADE008 [125878] **Shaft Sensor-less FOC Control of an Induction Motor Using Neural Estimators** / Peter Girovský, Jaroslav Timko, Jaroslava Žilková - 2012.In: Acta Polytechnica Hungarica. Vol. 9, no. 4 (2012), p. 31-45. - ISSN 1785-8860
[GIROVSKÝ, Peter - TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava]

Ohlasy:

2014 [2] BRANDSTETTER, P., SKUTA, O., VERNER, T. Implementation of vector control with rotor time constant adaptation for induction motor drive In: 10th International Conference, ELEKTRO 2014 - Proceedings : 19-20 May, Rajecke Teplice, Slovakia P. 143-148 ISBN: 978-147993721-9

2014 [2] CSABA, G., VÁMOSSY, Z. Kalman Filter based position estimation using 'optical mouse movement sensor' and differential drive robot model In: SAMI 2014 - IEEE 12th International Symposium on Applied Machine Intelligence and Informatics, Proceedings: Herl'any; Slovakia S. 179-184 ISBN: 978-147993442-3

2015 [1] PASTOR, M., DUDRÍK, J. Predictive Control of Grid-Connected Multilevel Inverter with Output LCL Filter In: Elektronika ir Elektrotechnika Vol. 21, no. 3 (2015), p. 10-15 ISSN: 1392-1215

2014 [1] BRANDŠTETTER, P. Sensorless Control of DC Drive Using Artificial Neural Network In: Acta Polytechnica Hungarica Vol. 11, no. 10 (2014), p. 5-20 ISSN: 1785-8860

2014 [1] BRANDSTETTER, P., DOBROVSKY, M., KUCHAR, M. Implementation of Genetic Algorithm in Control Structure of Induction Motor AC Drive In: Advances in Electrical and Computer Engineering Vol. 14, no. 4 (2014), p. 15-20 ISSN: 1582-7445

2014 [1] BRANDSTETTER, P., KUCHAR, M., SKUTA, O. Implementation of rbf neural network in vector control structure of induction motor In: International Review of Electrical Engineering Vol. 9, no. 4 (2014), p. 749-756 ISSN: 1827-6660

2015 [1] BRANDSTETTER, P. et al. Software support and data collection system for induction motor drive In: EPE 2015 : Proceedings of the 16th International Scientific Conference on Electric Power Engineering : 20-22 May 2015, Kouty nad Desnou, Czech Republic P. 651-656 ISBN: 978-146736788-2

2015 [1] BELICZYNSKI, B., GRZESIAK, L.M., UFNALSKI, B. Mixed phenomenological and neural approach to induction motor speed estimation In: Communications in Computer and Information Science : EANN 2015 : 16th International Conference on Engineering Applications of Neural Networks : 25-28 September 2015, Rhodes, Greece P. 3-12 ISSN: 1865-0929 ISBN: 978-331923981-1

2016 [2] BRANDSTETTER, P. et al. Sensorless control of induction motor drive using BEMF-MRAS with Kalman filter In: ELEKTRO 2016 : 11th International Conference : Strbske Pleso, 16-18 May, 2016 P. 121-126 ISBN: 978-146738698-2

2017 [1] TRAN, T.C. et al. PID speed controller optimization using online genetic algorithm for induction motor drive In: Lecture Notes in Electrical Engineering volume 415 : AETA 2016 : Busan, December 8-10, 2016 P. 565-576 ISBN: 978-331950903-7

2018 [1] TRAN, T.C. et al. Estimate Parameters of Induction Motor Using ANN and GA Algorithm In: Lecture Notes in Electrical Engineering : AETA 2017 : 4th International Conference on Advanced Engineering Theory and Applications : Ho Chi Minh, 7-9 December, 2017 P. 872-882 ISSN: 1876-1100 ISBN: 978-331969813-7

2018 [1] TRAN, T.C. et al. Rotor Time Constant Estimation of Induction Motor Using Online PI-Adaptive and GA-Adaptive Model In: Lecture Notes in Electrical Engineering : AETA 2017 : 4th International Conference on Advanced Engineering Theory and Applications : Ho Chi Minh, 7-9 December, 2017 P. 860-871 ISSN: 1876-1100 ISBN: 978-331969813-7

2017 [1] BRANDSTETTER, Pavel et al. Application of BEMF-MRAS with Kalman filter in sensorless control of induction motor drive In: Electrical Engineering Vol. 99, no. 4 (2017), p. 1151-1160 ISSN: 0948-7921

2019 [1] TRAN, T..C. et al. Parameters estimation for sensorless control of induction motor drive using modify GA and CSA algorithm In: Lecture Notes in Electrical Engineering AETA 2018 : 5th International Conference on Advanced Engineering Theory and Applications : Ostrava, 11-13 September, 2019 P. 580-591 ISBN: 978-303014906-2

2018 [1] TRAN, T.C. et al. PI-based speed controller for vector control model of the induction motor drive using GA tuned fuzzy algorithm In: JP Journal of Heat and Mass Transfer Vol. 15, special issue 1 (2018), p. 19-28 ISSN: 0973-5763

2018 [1] FEDOR, Pavol et al. Stable and robust controller for induction motor drive In: PEMC : 18th International Power Electronics and Motion Control Conference I : Budapest, 26-30 August, 2018 P. 764-769 ISBN: 978-1-5386-4198-9

2018 [1] VO, Hau Huu et al. Fuzzy model-based speed observer for sensorless induction motor drive with PWM-DTC In: ELEKTRO 2018 : 12th International Conference on ELEKTRO : Mikulov, 21-23 May, 2018 DOI : 10.1109/ELEKTRO.2018.8398306 ISBN: 978-1-5386-4759-2

ADF - Vedecké práce v domácich nekarentovaných časopisoch(30)

ADF001 [50948] **Riadenie elektrických pohonov pomocou umelých neurónových sietí** / Jaroslav Timko, Jaroslava Žilková, Peter Girovský - 2006.In: EE časopis. Roč. 12, č. 2 (2006), s. 8-10. - ISSN 1335-2547
[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

ADF002 [57847] **Bezsnímačové vektorové riadenie asynchrónneho motora** / Jaroslava Žilková, Jaroslav Timko, Peter Girovský - 2006.In: AT&P journal plus. Č. 2 (2006), s. 109-112. - ISSN 1336-5010
Spôsob prístupu: <http://www.atpjournal.sk>.
[ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav - GIROVSKÝ, Peter]

ADF003 [77227] **Neurónový pozorovateľ rýchlosti asynchrónneho motora** = Neural speed estimator of the induction motor drive / Peter Girovský, Jaroslava Žilková, Jaroslav Timko - 2008.In: Acta Mechanica Slovaca. Roč. 12, č. 3-B (2008), s. 227-236. - ISSN 1335-2393
[GIROVSKÝ, Peter - ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav]

ADF004 [111337] **Neurónový pozorovateľ uhlovej rýchlosti v riadení pohonu s asynchrónnym motorom** / Peter Girovský, Jaroslav Timko, Jaroslava Žilková - 2011.In: EE : Časopis pre elektrotechniku a energetiku. Roč. 17, č. 1 (2011), s. 28-29. - ISSN 1335-2547
[GIROVSKÝ, Peter - TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava]

ADF005 [121682] **Simulácia neurónového pozorovateľa rýchlosti pomocou real-time systému** / Peter Girovský, Milan Lacko - 2012.In: ATP Journal. Roč. 19, č. 5 (2012), s. 66-68. - ISSN 1335-2237
[GIROVSKÝ, Peter - LACKO, Milan]

ADF006 [121684] **Real-Time simulácia pozorovateľa rýchlosti na báze umelých neurónových sietí** / Peter Girovský, Milan Lacko - 2012.In: Strojárstvo extra. Č. 5 (2012), s. 38/1-38/3. - ISSN 1335-2938
[GIROVSKÝ, Peter - LACKO, Milan]

ADF007 [134230] **Neurocontroller for Induction Motor** / Peter Girovský - 2013.In: Elektroenergetika. Roč. 6, č. 1 (2013), s. 15-18. - ISSN 1337-6756
[GIROVSKÝ, Peter]

ADF008 [134232] **HIL simulácia neurónových sietí** / Peter Girovský - 2013.In: Elektroenergetika. Roč. 6, č. 1 (2013), s. 19-21. - ISSN 1337-6756
[GIROVSKÝ, Peter]

ADF009 [146920] **Riadenie ABS systému pomocou fuzzy regulátora** / Peter Girovský, Marek Kollárik

- 2014.In: Strojárstvo. Roč. 18, č. 5 (2014), s. 138-139. - ISSN 1335-2938
[GIROVSKÝ, Peter - KOLLÁRIK, Marek]

ADF010 [146921] **Systém vozidla ABS s fuzzy regulátorom** / Peter Girovský, Marek Kollárik - 2014.In: ATP journal. Roč. 21, č. 5 (2014), s. 38-40. - ISSN 1335-2237
[GIROVSKÝ, Peter - KOLLÁRIK, Marek]

ADF011 [150530] **Master-Slave control of dynamixel actuators** / Radovan Sivý, Peter Girovský - 2014.In: Acta Electrotechnica et Informatica. Roč. 14, č. 2 (2014), s. 51-54. - ISSN 1338-3957 Spôsob prístupu: http://www.aei.tuke.sk/papers/2014/2/09_Sivy.pdf.
[SIVÝ, Radovan - GIROVSKÝ, Peter]

ADF012 [155440] **Robotické rameno ovládané pomocou dátovej rukavice** / Peter Girovský, Radovan Sivý, Matúš Kunderát - 2014.In: Strojárstvo. Roč. 18, č. 12 (2014), s. 82-83. - ISSN 1335-2938
[GIROVSKÝ, Peter - SIVÝ, Radovan - KUNDRÁT, Matúš]

ADF013 [155441] **ABS systém vozidla s fuzzy riadením** / Peter Girovský, Ján Kaňuch, Marek Kollárik - 2014.In: EE časopis. Roč. 20, č. 6 (2014), s. 33-35. - ISSN 1335-2547
[GIROVSKÝ, Peter - KAŇUCH, Ján - KOLLÁRIK, Marek]

ADF014 [155442] **Vplyv rozmiestnenia funkcií príslušnosti pri fuzzy riadení synchronného motora** / Peter Girovský, Jaroslava Žilková, Viera Sedláková - 2014.In: EE časopis. Roč. 20, č. 6 (2014), s. 30-32. - ISSN 1335-2547
[GIROVSKÝ, Peter - ŽILKOVÁ, Jaroslava - SEDLÁKOVÁ, Viera]

ADF015 [158520] **Ovládanie robotickej ruky prostredníctvom dátovej rukavice** / Peter Girovský, Matúš Kunderát - 2015.In: ATP Journal. Roč. 22, č. 5 (2015), s. 56-57. - ISSN 1335-2237
[GIROVSKÝ, Peter - KUNDRÁT, Matúš]

ADF016 [172559] **Udržiavanie rýchlosti pomocou tempomatu** / Peter Girovský, Jakub Fekete - 2016.In: Strojárstvo. Roč. 20, č. 4 (2016), s. 102-104. - ISSN 1335-2938
[GIROVSKÝ, Peter - FEKETE, Jakub]

ADF017 [172560] **Riadenie synchronného motora s permanentnými magnetmi pomocou fuzzy regulátora** / Peter Girovský - 2016.In: Elektrotechnické listy. Roč. 1, č. 1 (2016), s. 1-4. - ISSN 2453-8981 Spôsob prístupu: http://www.elektrotechnickelisty.eu/casopis/rocnik_1/clanky/EL_03_2016.pdf.
[GIROVSKÝ, Peter]

ADF018 [172561] **Ovládanie pohybu robotického ramena pomocou rukavice so snímačmi** / Peter Girovský - 2016.In: Elektrotechnické listy. Roč. 1, č. 1 (2016), s. 1-3. - ISSN 2453-8981 Spôsob prístupu: http://www.elektrotechnickelisty.eu/casopis/rocnik_1/clanky/EL_04_2016.pdf.
[GIROVSKÝ, Peter]

ADF019 [173159] **Control of induction motor based on neural estimator** / Peter Girovský - 2016.In: Acta Electrotechnica et Informatica. Roč. 16, č. 2(2016), s. 29-32. - ISSN 1335-8243
[GIROVSKÝ, Peter]

ADF020 [175912] **Protišmykový systém vozidla s Fuzzy riadením** / Peter Girovský, Marek Kollárik - 2016.In: Elektrotechnické listy. Roč. 1, č. 2 (2016), s. 1-3. - ISSN 2453-8981 Spôsob prístupu: http://www.elektrotechnickelisty.eu/casopis/rocnik_1/clanky/EL_17_2016.pdf.
[GIROVSKÝ, Peter - KOLLÁRIK, Marek]

ADF021 [179013] **Fuzzy control of synchronous motor with permanent magnet** / Peter Girovský - 2016.In: Acta Electrotechnica et Informatica. Roč. 16, č. 4 (2016), s. 17-20. - ISSN 1335-8243
[GIROVSKÝ, Peter]

ADF022 [179014] **Master-Slave riadenie robotických ramien** / Peter Girovský, Radovan Sivý - 2017.In: Elektrotechnické listy. Roč. 2, č. 1 (2017), s. 1-4. - ISSN 2453-8981 Spôsob prístupu: http://www.elektrotechnickelisty.eu/casopis/rocnik_II/clanky/EL_02_2017.pdf.
[GIROVSKÝ, Peter - SIVÝ, Radovan]

ADF023 [182263] **Maintaining vehicle speed using a mechanical cruise control** / Peter Girovský, Jakub Fekete - 2017.In: Acta electrotechnica et informatica. Roč. 17, č. 2 (2017), s. 48-52. - ISSN 1335-8243 Spôsob prístupu: http://www.aei.tuke.sk/papers/2017/2/08_Girovsky.pdf.
[GIROVSKÝ, Peter - FEKETE, Jakub]

ADF024 [182623] **Simulácia systému trakčnej kontroly vozidla** / Peter Girovský, Ervín Bernát - 2017.In: Elektrotechnické listy. Roč. 2, č. 3 (2017), s. 1-3. - ISSN 2453-8981 Spôsob prístupu: http://www.elektrotechnickelisty.eu/casopis/rocnik_II/clanky/EL_16_2017.pdf.
[GIROVSKÝ, Peter - BERNÁT, Ervín]

ADF025 [189168] **Simulácia indoor navigácie vozidla** / Peter Girovský - 2017.In: Elektrotechnické listy. Roč. 2, č. 4 (2017), s. 1-4. - ISSN 2453-8981 Spôsob prístupu: http://www.elektrotechnickelisty.eu/casopis/rocnik_II/clanky/EL_19_2017.pdf.
[GIROVSKÝ, Peter]

ADF026 [195507] **Neurónové pozorovatele pre vektorové riadenie asynchrónneho motora** / Peter Girovský - 2018.In: Elektrotechnické listy. Roč. 3, č. 2 (2018), s. 1-3. - ISSN 2453-8981 Spôsob prístupu: http://www.elektrotechnickelisty.eu/casopis/rocnik_III/clanky/EL_05_2018.pdf.
[GIROVSKÝ, Peter]

ADF027 [196404] **Analýza vplyvu napájania univerzálneho motora** / Peter Girovský, Ján Kaňuch, Zoltán Gombos - 2018.In: Elektrotechnické listy. - 2018 Roč. 3, č. 3 (2018), s. 1-4. - ISSN 2453-8981 Spôsob prístupu: http://www.elektrotechnickelisty.eu/casopis/rocnik_III/clanky/EL_08_2018.pdf.
[GIROVSKÝ, Peter - KAŇUCH, Ján - GOMBOS, Zoltán]

ADF028 [207621] **Riešenie mechanického tempomatu pre osobný automobil** / Peter Girovský, Jakub Fekete - 2018.In: Elektrotechnické listy : Česko-Slovenský vedecký časopis. Roč. 3, č. 4 (2018), s. 1-5 [online]. - ISSN 2453-8981 (online)
[GIROVSKÝ, Peter - FEKETE, Jakub]

ADF029 [208492] **Návrh meniča pre napájanie univerzálneho motora** / Peter Girovský, Ján Kaňuch, Zoltán Gombos - 2019.In: Elektrotechnické listy : Česko-Slovenský vedecký časopis. Roč. 4, č. 2 (2019), s. 1-3 [online]. - ISSN 2453-8981 (online) Spôsob prístupu: http://www.elektrotechnickelisty.eu/casopis/rocnik_IV/clanky/EL_05_2019.pdf.
[GIROVSKÝ, Peter - KAŇUCH, Ján - GOMBOS, Zoltán]

ADF030 [208702] **Systém pre rozpoznávanie evidenčného čísla vozidla automatickej brány** / Peter Girovský, Martin Bajcura - 2019.In: Elektrotechnické listy : Česko-Slovenský vedecký časopis. Roč. 4, č. 3 (2019), s. 1-4 [online]. - ISSN 2453-8981 (online) Spôsob prístupu: http://elektrotechnickelisty.eu/casopis/rocnik_IV/clanky/EL_12_2019.pdf.
[GIROVSKÝ, Peter - BAJCURA, Martin]

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS(1)

ADM001 [150372] **Modelling the Technological Part of a Line by Use of Neural Networks** / Jaroslava Žilková, Peter Girovský, Mišél Batmend - 2014.In: Advances in Intelligent Systems and Computing. Vol. 239 (2014), p. 349-258. - ISSN 2194-5357
[ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter - BATMEND, Mišél]

Ohlasy:

2017 [1] PERDUKOVA, D. et al. Multi-motor drive optimal control using a fuzzy model based approach In: Journal of Ambient Intelligence and Smart Environments Vol. 9, no. 3 (2017), p. 329-344 ISSN: 1876-1364

2017 [1] PERDUKOVA, Daniela - FEDOR, Pavol Optimal PI Fuzzy Controller for Nonlinear Systems In: ELEKTROENERGETIKA 2017 : Proceedings of the 9th International Scientific Symposium on Electrical Power Engineering : Stara Lesna, 12-14 September, 2017 P. 460-464 ISBN: 978-80-553-3195-9

2018 [1] TALIAN, Peter - PERDUKOVA, Daniela - FEDOR, Pavol Stable and robust tension controller for middle section of continuous line In: Elektronika ir Elektrotechnika Vol. 24, no. 1 (2018), p. 3-10 ISSN: 1392-1215

ADN - Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS(2)

ADN001 [141266] **An adaptive neurocontroller for induction motors** / Peter Girovský ...[et al.] - 2013. In: Communications. Roč. 15, č. 3 (2013), s. 68-72. - ISSN 1335-4205
[GIROVSKÝ, Peter - ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav - GIROVSKÝ, Ján]

Ohlasy:

2014 [1] PASTOR, M., DUDRIK, J. Comparison of MPC and PI controller for grid-connected cascade inverter In: Elektronika ir Elektrotechnika Vol. 20, no. 6 (2014), p. 46-50 ISSN: 1392-1215

ADN002 [209548] **Analysis of the PM motor with external rotor for direct drive of electric wheelchair** / Ján Kaňuch, Peter Girovský - 2019. In: Communications = Komunikácie : scientific letters of the University of Žilina. - Žilina (Slovensko) : Vydavateľstvo EDIS Roč. 21, č. 3 (2019), s. 66-71 [print]. - ISSN 1335-4205 Spôsob prístupu:
[https://www.scopus.com/record/display.uri?eid=2-s2.0-85071438211&origin=resultslist&sort=plf-f&src=s&st1=kanuch+J&st2=&sid=234ae7585eac51e1999493452fdda74a&sot=b&sdt=b&sl=21&s=AUTHOR-NAM E%28kanuch+J%29&relpos=0&citeCnt=0&searchTerm=.](https://www.scopus.com/record/display.uri?eid=2-s2.0-85071438211&origin=resultslist&sort=plf-f&src=s&st1=kanuch+J&st2=&sid=234ae7585eac51e1999493452fdda74a&sot=b&sdt=b&sl=21&s=AUTHOR-NAM E%28kanuch+J%29&relpos=0&citeCnt=0&searchTerm=)

[KAŇUCH, Ján - GIROVSKÝ, Peter]

Ohlasy:

2020 [2] BURYAKOVSKIY, S. et al. Research of a hybrid diesel locomotive power plant based on a free-piston engine In: Communications - Scientific Letters of the University of Žilina Roč. 22, č. 3 (2020), s. 103-109 ISSN: 1335-4205

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách(2)

AEC001 [168641] **Robotic Arm Based Dynamixel Actuators Controlled by the Data Glove** / Peter Girovský, Matúš Kundrať - 2015. In: International Journal of Engineering Research in Africa Vol. 18. - Baech : Trans Tech Publications, 2015 P. 152-158. - ISBN 978-3-03835-679-0 - ISSN 1663-3571 Spôsob prístupu: <http://www.scientific.net/JERA.18.152>.
[GIROVSKÝ, Peter - KUNDRÁT, Matúš]

AEC002 [183081] **Motor for direct drive of electric wheelchair** / Ján Kaňuch, Peter Girovský - 2017. In: International Journal of Engineering Research in Africa Vol. 31. - Baech (Švajčiarsko) : Trans Tech Publications, 2017 s. 94-103. - ISBN 978-3-0357-1261-2 - ISSN 1663-3571 Spôsob prístupu:
[https://www.scopus.com/record/display.uri?eid=2-s2.0-85022226183&origin=resultslist&sort=plf-f&src=s&st1=kanuch+J&st2=&sid=d2d41549c017f2bb8f1dba9f29289844&sot=b&sdt=b&sl=21&s=AUTHOR-NAME %28kanuch+J%29&relpos=0&citeCnt=0&searchTerm=.](https://www.scopus.com/record/display.uri?eid=2-s2.0-85022226183&origin=resultslist&sort=plf-f&src=s&st1=kanuch+J&st2=&sid=d2d41549c017f2bb8f1dba9f29289844&sot=b&sdt=b&sl=21&s=AUTHOR-NAME %28kanuch+J%29&relpos=0&citeCnt=0&searchTerm=)

[KAŇUCH, Ján - GIROVSKÝ, Peter]

Ohlasy:

2018 [1] SKALA, B et al. Autotransformer design with zig-zag connection Zna0 In: ELEKTRO 2018 : 12th

International Elektro Conference : Mikulov, 21-23 May, 2018 P. 1-6 ISBN: 978-153864759-2

2020 [1] KOVÁČ, J. et al. Integrated Palletizing Workstation with an Industrial Robot and a Cobot In: Advances in Intelligent Systems and Computing : RAAD 2019 : 28th International Conference on Robotics in Aple-Adria-Danube Region : 19-21 June, 2019 Vol. 980 (2020), p. 202-209 ISSN: 2194-5357 ISBN: 978-303019647-9

2019 [1] ŠEBŮK, M. et al. Thermal diagnostic systems and their application for analysis of transformer winding In: Diagnostyka Vol. 20, no. 2 (2019), p. 49-55 ISSN: 1641-6414

2019 [1] HRBAC, Roman - KOLAR Vaclav - HRDINA, Libor Bi-directional Charger with a High Power Density for Smart Grids In: EPE 2019 : 20th International Scientific Conference on Electric Power Engineering : Kouty nad Desnou, 15-17 May, 2019 P. 130-135 ISSN: 2376-5623 ISBN: 978-1-7281-1333-3

AED - Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách(27)

AED001 [125879] **Neural Estimators for Shaft Sensorless FOC of Induction Motor** / Peter Girovský, Jaroslav Timko, Jaroslava Žilková - 2012.In: Electrical Engineering and Informatics 3 : Proceeding of the Faculty of Electrical Engineering and Informatics of Technical University of Košice. - Košice : FEI TU, 2012 S. 760-766. - ISBN 978-80-553-0890-6
[GIROVSKÝ, Peter - TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava]

AED002 [125881] **Simulácia meničových systémov v prostredí OrCADPSpice a MATLABSimulink** / Milan Lacko, Peter Girovský - 2012.In: Electrical Engineering and Informatics 3 : proceeding of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2012 S. 767-772. - ISBN 978-80-553-0890-6
[LACKO, Milan - GIROVSKÝ, Peter]

AED003 [138942] **Fuzzy ABS systém vozidla** / Peter Girovský, Jaroslava Žilková, Marek Kollárik - 2013.In: Electrical Engineering and Informatics 4 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2013 S. 492-497. - ISBN 978-80-553-1440-2
[GIROVSKÝ, Peter - ŽILKOVÁ, Jaroslava - KOLLÁRIK, Marek]

AED004 [138943] **Master-Slave riadnie[!] servomotorov stavebnice Bioloid** / Peter Girovský, Jakub Bašista - 2013.In: Electrical Engineering and Informatics 4 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2013 S. 781-785. - ISBN 978-80-553-1440-2
[GIROVSKÝ, Peter - BAŠISTA, Jakub]

AED005 [138944] **Vektorové riadenie SMPM** / Jaroslava Žilková, Peter Girovský, Marek Vacek - 2013.In: Electrical Engineering and Informatics 4 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2013 S. 790-795. - ISBN 978-80-553-1440-2
[ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter - VACEK, Marek]

AED006 [150348] **Simulácia ASR systému** / Peter Girovský, Jaroslava Žilková, Ervín Bernát - 2014.In: Electrical Engineering and Informatics 5 : Proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : TU, 2014 S. 252 -256. - ISBN 978-80-553-1704-5
[GIROVSKÝ, Peter - ŽILKOVÁ, Jaroslava - BERNÁT, Ervín]

AED007 [150363] **Elektronické riadenie stability vozidla** / Jaroslava Žilková ... [et al.] - 2014.In: Electrical Engineering and Informatics 5 : Proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : TU, 2014 S. 243 - 247. - ISBN

978-80-553-1704-5

[ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter - KUCHAR, Jaroslav - VACEK, Marek]

AED008 [150364] **Fuzzy riadenie SMPM** / Jaroslava Žilková, Peter Girovský, Ľuboš Sabolík - 2014.In: Electrical Engineering and Informatics 5 : Proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : TU, 2014 S. 29-33. - ISBN

978-80-553-1704-5

[ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter - SABOLÍK, Ľuboš]

AED009 [150365] **Lakovací robot** / Peter Girovský ... [et al.] - 2014.In: Electrical Engineering and Informatics 5 : Proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : TU, 2014 S. 239-242. - ISBN 978-80-553-1704-5

[GIROVSKÝ, Peter - ŽILKOVÁ, Jaroslava - VACEK, Marek - GNEVEK, Tomáš]

AED010 [150367] **Ovládanie robotického ramena pomocou dátovej rukavice** / Peter Girovský, Radovan Sivý, Matúš Kundrať - 2014.In: Electrical Engineering and Informatics 5 : Proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : TU, 2014 S. 136-140. - ISBN 978-80-553-1704-5

[GIROVSKÝ, Peter - SIVÝ, Radovan - KUNDRÁT, Matúš]

AED011 [150370] **Riadenie veternej elektrárne** / Peter Girovský ... [et al.] - 2014.In: Electrical Engineering and Informatics 5 : Proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : TU, 2014 S. 248 - 251. - ISBN 978-80-553-1704-5

[GIROVSKÝ, Peter - KAŇUCH, Ján - LACKO, Milan - URAM, Miloslav]

AED012 [150599] **OrCAD PSpice – model výkonového MOSFET tranzistora** / Milan Lacko, Peter Girovský - 2014.In: Electrical Engineering and Informatics 5 : Proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : TU, 2014 S. 267-272. - ISBN 978-80-553-1704-5

[LACKO, Milan - GIROVSKÝ, Peter]

AED013 [160374] **Fuzzy riadenie synchronného motora** / Peter Girovský, Jaroslava Žilková - 2015.In: Electrical Engineering and Informatics 6 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2015 S. 57-61. - ISBN

978-80-553-2178-3

[GIROVSKÝ, Peter - ŽILKOVÁ, Jaroslava]

AED014 [160375] **The control of induction motor based neural network** / Peter Girovský - 2015.In: Electrical Engineering and Informatics 6 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2015 S. 280-285. - ISBN

978-80-553-2178-3

[GIROVSKÝ, Peter]

AED015 [160910] **Protipreklzový systém vozidla** / Jaroslava Žilková ... [et al.] - 2015.In: Electrical Engineering and Informatics 6 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2015 S. 251-255. - ISBN 978-80-553-2178-3

[ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter - LEŠO, Martin - KOVÁČ, Jakub]

AED016 [173018] **Reflow spájkovacia pec** / Peter Girovský, René Sulyok - 2016.In: Electrical Engineering and Informatics 7 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2016 S. 581-586. - ISBN 978-80-553-2599-6

[GIROVSKÝ, Peter - SULYOK, René]

AED017 [173021] **Riadenie rovnovážnej polohy** / Peter Girovský, Mikuláš Lunio - 2016.In: Electrical Engineering and Informatics 7 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2016 S. 602-605. - ISBN 978-80-553-2599-6

[GIROVSKÝ, Peter - LUNIO, Mikuláš]

AED018 [173022] **Simulácia autonómneho pohybu vozidla** / Peter Girovský, Peter Horváth - 2016.In: Electrical Engineering and Informatics 7 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2016 S. 617-622. - ISBN 978-80-553-2599-6

[GIROVSKÝ, Peter - HORVÁTH, Peter]

AED019 [173025] **Udržiavanie rýchlosti pomocou mechanického tempomatu** / Peter Girovský, Jakub Fekete - 2016.In: Electrical Engineering and Informatics 7 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : FEI TU, 2016 S. 707-711. - ISBN 978-80-553-2599-6

[GIROVSKÝ, Peter - FEKETE, Jakub]

AED020 [183808] **Simulácia robotického pracoviska v programe ABB RobotStudio** / Peter Girovský, Patrik Oklamčák - 2017.In: Electrical Engineering and Informatics 8 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : TU, 2017 S. 491-494. - ISBN 978-80-553-3192-8

[GIROVSKÝ, Peter - OKLAMČÁK, Patrik]

AED021 [195504] **Rozpoznávanie evidenčného čísla vozidla pre automatickú závoru** / Peter Girovský, Martin Bajcura - 2018.In: Electrical Engineering and Informatics 9 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : TU, 2018 S. 236-241. - ISBN 978-80-553-2713-6

[GIROVSKÝ, Peter - BAJCURA, Martin]

AED022 [195506] **Dynamické riadenie svetelnej križovatky** / Peter Girovský, Jozef Soták - 2018.In: Electrical Engineering and Informatics 9 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice : TU, 2018 S. 407-414. - ISBN 978-80-553-2713-6

[GIROVSKÝ, Peter - SOTÁK, Jozef]

AED023 [207626] **Porovnanie vplyvu napájania na charakteristiky univerzálneho motora** / Peter Girovský, Ján Kaňuch, Zoltán Gombos - 2019.In: Electrical Engineering and Informatics 10 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice (Slovensko) : Technická univerzita v Košiciach s. 137-142 [CD-ROM, online]. - ISBN 978-80-553-3342-7

[GIROVSKÝ, Peter - KAŇUCH, Ján - GOMBOS, Zoltán]

AED024 [207628] **Riadenie mobilného robotického ramena** / Peter Girovský, Mikuláš Lunio - 2019.In: Electrical Engineering and Informatics 10 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice (Slovensko) : Technická univerzita v Košiciach s. 303-309 [CD-ROM, online]. - ISBN 978-80-553-3342-7

[GIROVSKÝ, Peter - LUNIO, Mikuláš]

AED025 [219624] **Diskový krokový motor s dvojitým rotorom s permanentnými magnetmi** / Ján Kaňuch, Peter Girovský - 2020.In: Electrical Engineering and Informatics 11 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice (Slovensko) : Technická univerzita v Košiciach s. 307-315 [CD-ROM, online]. - ISBN 978-80-553-3585-8 Spôsob prístupu: http://eei.fei.tuke.sk/data/EEI_XI.pdf.

[KAŇUCH, Ján - GIROVSKÝ, Peter]

AED026 [219725] **DC menič pre napájanie univerzálneho motora** / Peter Girovský, Ján Kaňuch - 2020.In: Electrical Engineering and Informatics 11 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice (Slovensko) : Technická univerzita v Košiciach s. 37-41 [CD-ROM, online]. - ISBN 978-80-553-3585-8 Spôsob prístupu:

http://eei.fei.tuke.sk/data/EEI_XI.pdf.

[GIROVSKÝ, Peter - KAŇUCH, Ján]

AED027 [219726] **Porovnanie vplyvu defuzzifikačnej metódy na priebeh regulácie synchronného motora** / Peter Girovský - 2020.In: Electrical Engineering and Informatics 11 : proceedings of the Faculty of Electrical Engineering and Informatics of the Technical University of Košice. - Košice (Slovensko) : Technická univerzita v Košiciach s. 402-406 [CD-ROM, online]. - ISBN 978-80-553-3585-8 Spôsob prístupu: http://eei.fe.i.tuke.sk/data/EEI_XI.pdf.

[GIROVSKÝ, Peter]

AFC - Publikované príspevky na zahraničných vedeckých konferenciách(8)

AFC001 [30269] **Príspevok k riadeniu asynchrónneho motora pomocou umelých neurónových sietí** / Peter Girovský, Jaroslav Timko, Jaroslava Žilková - 2004.In: SYMEP 2004 : 20. Medzinárodné sympóziu : Praha, 22.-24.6.2004. - Praha : ČVUT, 2004 P. 1-5.

[GIROVSKÝ, Peter - TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava]

AFC002 [43950] **Comparative study of different neural speed estimators for the induction motor drive** / Jaroslava Žilková, Jaroslav Timko, Peter Girovský - 2005.In: EDPE 2005 : 13. medzinárodná konferencia : Dubrovnik, 26.28.9.2005. - Zagreb : KoREMA, 2005 P. 1-4. - ISBN 9536037422

[ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav - GIROVSKÝ, Peter]

AFC003 [43961] **The neural speed controller for the induction motor** / Peter Girovský, Jaroslava Žilková, Jaroslav Timko - 2005.In: EDPE 2005. - Zagreb : KoREMA, 2005 4 p. - ISBN 9536037422

[GIROVSKÝ, Peter - ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav]

AFC004 [50957] **Možnosti využitia umelých neurónových sietí pri riadení elektrických pohonov** / Jaroslav Timko, Jaroslava Žilková, Peter Girovský - 2006.In: SYMEP 2006. - Plzeň : FE ZČU v Plzni, 2006 5 p. - ISBN 8070434554

[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

AFC005 [100545] **Neural estimators for shaft sensorless FOC control of induction motor** / Peter Girovský ... [et al.] - 2010. - 1 elektronický optický disk (CD-ROM).In: EPE-PEMC 2010 : 14th International Power Electronics and Motion Control Conference : 6-8. September 2010, Ohrid, Macedonia. - Skopje : Faculty of Electrical Engineering and Information Technologies, 2010 P. T7-1-T7-5. - ISBN 978-1-4244-7854-5

[GIROVSKÝ, Peter - TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - FEDÁK, Viliam]

Ohlasy:

2011 [1] BRANDSTETTER, P., KUCHAR, M., NEBORAK, I. Selected applications of artificial neural networks in the control of AC induction motor drives In: International Review on Modelling and Simulations Vol. 4, no. 3 (2011), p. 1084-1093 ISSN: 1974-9821

2011 [1] BRANDSTETTER, P., SKOTNICA, M. ANN speed controller for induction motor drive with vector control In: International Review of Electrical Engineering Vol. 6, no. 7 (2011) : p. 2947-2954 ISSN: 1827-6660

2012 [1] BRANDSTETTER, P., BILEK, P. Applications of Artificial Neural Networks in Control of DC Drive In: Advances in Intelligent Systems and Computing : 5th Int. Conference on Computational Intelligence in Security for Information Systems, CISIS 2012 : 5-7 September 2012, Ostrava Vol. 189 AISC (2013), p. 351-360 ISSN: 2194-5357 ISBN: 978-364233017-9

2019 [2] FEDOR, Pavol - PERDUKOVA, Daniela - OLEXA, Richard Modeling a Small Hydropower Plant In: ELEKTROENERGETIKA 2019 : 10th International Scientific Symposium on Electrical Power Engineering : Stara Lesna, 16-18 September, 2019 P. 352-356 ISBN: 978-80-553-3324-3

AFC006 [100847] **DTC riadenie asynchrónneho motora** / Jaroslava Žilková ... [et al.] - 2010.In:

SYMEP 2010 : 23. mezinárodní sympóziium učitelů elektrických pohonů : Jedovnice, 14. - 16. září 2010. - Brno : Vysoké učení technické v Brně, 2010 P. 10-17. - ISBN 978-80-214-4154-5
[ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav - KÖVER, Štefan - GIROVSKÝ, Peter]

AFC007 [100861] **Neurónový pozorovateľ rýchlosti vo vektorovom riadení asynchrónneho motora** / Peter Girovský, Jaroslava Žilková, Jaroslav Timko - 2010.In: SYMEP 2010 : 23. mezinárodní sympóziium učitelů elektrických pohonů : Jedovnice, 14. - 16. září 2010. - Brno : Vysoké učení technické v Brně, 2010 P. 52-59. - ISBN 978-80-214-4154-5
[GIROVSKÝ, Peter - ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav]

AFC008 [208038] **Development of a simple fuzzy logic controller for DC-DC converter** / Martin Lešo, Jaroslava Žilková, Peter Girovský - 2018.In: International conference on power electronic and motion control : USB proceedings. - Piscataway (USA) : Institute of Electrical and Electronics Engineers s. 86-93 [USB-key, online, print]. - ISBN 978-1-5386-4197-2 Spôsob prístupu:
<https://ieeexplore.ieee.org/document/8521896>.
[LEŠO, Martin - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

Ohlasy:

2019 [1] PERDUKOVA, Daniela - FEDOR, Pavol - FEDAK, Viliam A Fuzzy Approach to Optimal DC Motor Controller Design In: EDPE 2019 : 19th International Conference on Electrical Drives and Power Electronics / 9th Joint Slovakian-Croatian Conference : High Tatras, 24-26 September, 2019 P. 48-53 (2019) ISBN: 978-1-7281-0389-1

2019 [1] PASTOR, Marek - DUDRIK, Jaroslav - VITKOVSKA, Andrea Soft-Switching DC-DC Converter with SiC Full-Bridge Rectifier In: EDPE 2019 : 19th International Conference on Electrical Drives and Power Electronics / 9th Joint Slovakian-Croatian Conference : High Tatras, 24-26 September, 2019 P. 347-352 (2019) ISBN: 978-1-7281-0389-1

AFD - Publikované príspevky na domácich vedeckých konferenciách(14)

AFD001 [64016] **Applying inverse neural model to controlling of the asynchronous motor** / Peter Girovský - 2004.In: 4. Doktorandská konferencia a ŠVOS TU v Košiciach FEI. - Košice : ETC GRAFO, 2004 S. 35-36. - ISBN 8096839594
[GIROVSKÝ, Peter]

AFD002 [64019] **Neural rotor speed observed for vector control of induction motor** / Peter Girovský - 2005.In: 5th PhD Student Conference and Scientific and Technical Competition of Students of Faculty of Electrical Engineering and Informatics Technical University of Košice : 5. conference : Košice, 25.5.2005. - Košice : EQUILIBRIA, 2005 S. 47-48. - ISBN 8096922440
[GIROVSKÝ, Peter]

AFD003 [64024] **Using the different neural speed estimators for vector control of induction motor** / Peter Girovský - 2006.In: 6th PhD Student Conference and Scientific and Technical Competition of Students of Faculty of Electrical Engineering and Informatics Technical University of Košice. - Košice : Elfa, 2007 S. 45-46. - ISBN 8080860351
[GIROVSKÝ, Peter]

AFD004 [62926] **Neural estimators for shaft sensorless foc control of an induction motor** / Jaroslav Timko, Jaroslava Žilková, Peter Girovský - 2007. - 1 elektronický optický disk (CD-ROM).In: Electrical Drives and Power Electronics : 3rd Joint Slovak-Croatian Conference : proceedings 16th International Conference : 24-26 September 2007, The High Tatras, Slovakia. - Košice : TULIP, 2007 S. 1-5. - ISBN 978-80-8073-868-6
[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

AFD005 [89363] **Riadenie vstupnej časti pocínovacej linky** / J. Timko ... [et al.] - 2009.In: MMaMS '2009 : 3. medzinárodná konferencia : Zemplínska Šírava, 22.-24.9.2009. - Košice : TU, SjF, 2009 S.

480-484. - ISBN 9788055302881

[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter - KUŠIAK, Ivan]

AFD006 [89369] **Neurónový pozorovateľ rýchlosti pre vektorovo riadený AM** / P. Girovský, J. Timko, J. Žilková - 2009.In: MMaMS '2009 : 3. medzinárodná konferencia : Zemplínska Šírava, 22.-24.9.2009. - Košice : TU, SJF, 2009 S. 150-154. - ISBN 9788055302881

[GIROVSKÝ, Peter - TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava]

AFD007 [113877] **Direct torque control of the AM with utilize fuzzy logic** / Jaroslava Žilková ... [et al.] - 2011. - 1 elektronický optický disk (CD-ROM).In: EDPE 2011 : 17th International Conference on Electrical Drives and Power Electronics : proceedings : 5th Joint Slovak-Croatian Conference : 28. - 30. September 2011, Stará Lesná, High Tatras, Slovakia. - Košice : TU, 2011 S. 139-143. - ISBN 978-80-553-0734-3

[ŽILKOVÁ, Jaroslava - TIMKO, Jaroslav - GIROVSKÝ, Peter - KÖVER, Štefan]

AFD008 [119512] **Real-time simulácia neurónového pozorovateľa rýchlosti** / Peter Girovský, Milan Lacko - 2012. - 1 elektronický optický disk (CD-ROM).In: Automatizácia a riadenie v teórii a praxi 2012 : ARTEP 2012 : workshop odborníkov z univerzít, vysokých škôl a praxe v oblasti automatizácie a riadenia : zborník príspevkov : 22.-24. február 2012, Stará Lesná, SR. - Košice : TU, 2012 S. 23-1-23-7. - ISBN 978-80-553-0835-7

[GIROVSKÝ, Peter - LACKO, Milan]

AFD009 [119513] **OrcadPspice and MatlabSimulink cross connection by simulation of converter systems** / Milan Lacko, Peter Girovský - 2012. - 1 elektronický optický disk (CD-ROM).In: Automatizácia a riadenie v teórii a praxi 2012 : ARTEP 2012 : workshop odborníkov z univerzít, vysokých škôl a praxe v oblasti automatizácie a riadenia : zborník príspevkov : 22.-24. február 2012, Stará Lesná, SR. - Košice : TU, 2012 S. 40-1-40-9. - ISBN 978-80-553-0835-7

[LACKO, Milan - GIROVSKÝ, Peter]

AFD010 [146918] **Fuzzy regulátor ABS systému vozidla** / Peter Girovský, Marek Kollárik - 2014.In: Automatizácia a riadenie v teórii a praxi : ARTEP 2014 : workshop odborníkov z univerzít, vysokých škôl a praxe v oblasti automatizácie a riadenia : 5. - 7. február 2014, Stará Lesná. - Košice : TU, 2014 S. 17-1-17-7. - ISBN 978-80-553-1580-5

[GIROVSKÝ, Peter - KOLLÁRIK, Marek]

AFD011 [157756] **Robotická ruka ovládaná dátovou rukavicou** / Peter Girovský, Matúš Kunderát - 2015.In: Automatizácia a riadenie v teórii a praxi : ARTEP 2015. - Košice : TU, 2015 S. 25-1-25-6. - ISBN 978-80-553-1968-1

[GIROVSKÝ, Peter - KUNDRÁT, Matúš]

AFD012 [171448] **Riadenie rýchlosti vozidla pomocou tempomatu** / Peter Girovský, Jakub Fekete - 2016.In: ARTEP 2016. - Košice : TU, 2016 S. 23-1-23-7. - ISBN 978-80-553-2474-6

[GIROVSKÝ, Peter - FEKETE, Jakub]

AFD013 [196505] **Regulácia rovnovážnej polohy plošiny** / Peter Girovský, Mikuláš Lunio - 2018.In: SEKEL 2018. - Košice : TU, 2018 S. 125-127. - ISBN 978-80-553-2740-2

[GIROVSKÝ, Peter - LUNIO, Mikuláš]

AFD014 [220558] **Output Voltage Control of Soft-Switching DC-DC Converter** / Marek Pástor, Jaroslava Žilková, Peter Girovský - 2019.In: 19th International Conference on Electrical Drives and Power Electronics (EDPE) : proceedings. - Danvers (USA) : Institute of Electrical and Electronics Engineers s. 342-346 [USB-key, online]. - ISBN 978-1-7281-0390-7 - ISSN 1339-3944 (online)

[PÁSTOR, Marek - ŽILKOVÁ, Jaroslava - GIROVSKÝ, Peter]

AGJ - Autorské osvedčenia, patenty, objavy(1)

AGJ001 [208178] **Dynamometer na zaťažovanie s nastaviteľným modelom záťaže a spôsob regulácie jeho momentu** patent č. 288670/ Karol Kyslan ... [et al.] - Banská Bystrica : ÚPV SR - 2019. - 7 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Patent/Detail/18-2017>.
[KYSLAN, Karol - LACKO, Milan - GIROVSKÝ, Peter - BIROŠ, Milan - ĎUROVSKÝ, František]

BCI - Skriptá a učebné texty(2)

BCI001 [207832] **Snímače a meranie neelektrických veličín** / Peter Girovský - 1. vyd. - Košice : Technická univerzita v Košiciach - 2019. - 152 s. [CD-ROM]. - ISBN 978-80-553-3351-9.
[GIROVSKÝ, Peter]

BCI002 [207835] **Sensors and measurement of nonelectrical variables** Lectures material for students/ Peter Girovský - 1. vyd. - Košice : Technická univerzita v Košiciach - 2019. - 153 s. [CD-ROM]. - ISBN 978-80-553-3358-8.
[GIROVSKÝ, Peter]

BDF - Odborné práce v domácich nekarentovaných časopisoch(2)

BDF001 [175531] **Riadenie systému ASR** / Peter Girovský, Ervín Bernát - 2016.In: Posterus.sk. Roč. 9, č. 8 (2016), s. 1-5. - ISSN 1338-0087 Spôsob prístupu: <http://www.posterus.sk/?p=18766&output=pdf>.
[GIROVSKÝ, Peter - BERNÁT, Ervín]

BDF002 [179362] **Dátová rukavica pre ovládanie pohybov robotického ramena** / Peter Girovský, Matúš Kandrát - 2017.In: Posterus. Roč. 10, č. 1 (2017), s. 1-6. - ISSN 1338-0087 Spôsob prístupu: <http://www.posterus.sk/?p=18868&output=pdf>.
[GIROVSKÝ, Peter - KUNDRÁT, Matúš]

DAI - Dizertačné a habilitačné práce(1)

DAI001 [85992] **Využitie umelých neurónových sietí vo vektorovom riadení asynchrónneho motora** : doktorandská dizertačná práca / Peter Girovský ; školiteľ Jaroslav Timko - Košice, : - 2009. - 107 s.
[GIROVSKÝ, Peter - TIMKO, Jaroslav]

GAI - Výskumné štúdie a priebežné správy(3)

GAI001 [121219] **Moderné metódy identifikácie a riadenia priemyselných sústav** záverečná správa č. 1903302/ Jaroslav Timko ... [et al.] - Košice : TU - 2005. - 10 s..
[TIMKO, Jaroslav - GIRMAN, Michal - FEDÁK, Viliam - FEDOR, Pavol - BOBER, Peter - PERDUKOVÁ, Daniela - ŽILKOVÁ, Jaroslava - BORBEL, Martin - GIROVSKÝ, Peter]

GAI002 [121221] **Moderné metódy riadenia elektrických pohonov** záverečná správa č. 1407607/ Jaroslav Timko ... [et al.] - Košice : TU - 2009. - 19 s..
[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIRMAN, Michal - BOBER, Peter - KEUSCH, Peter - KMEC, Peter - KOŠČ, Peter - KOVÁČIK, Peter - GIROVSKÝ, Peter - CIBUĽA, Ľubomír]

GAI003 [121252] **Aplikácie metód umelej inteligencie v riadení priemyselných systémov** záverečná správa č. 1000610/ Jaroslav Timko ... [et al.] - Košice : TU - 2012. - 12 s..
[TIMKO, Jaroslav - ŽILKOVÁ, Jaroslava - GIRMAN, Michal - GIROVSKÝ, Peter - BOBER, Peter - KMEC, Peter - KEUSCH, Peter - CIBUĽA, Ľubomír - MATIS, Ľubomír - KOVÁČ, Michal - KOVER, Štefan - NGUYEN, Peter]