

Technická univerzita v Košiciach
Prehľad publikačnej činnosti vrátane ohlasov
Autor: SUKOP, Marek
Rok vydania od: 2013
Dátum generovania výstupu: 12. 9. 2019, 8:37:07

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

Počet záznamov: 2

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách (2)

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

Počet záznamov: 3

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách (2)

BCI - Skriptá a učebné texty (1)

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

Počet záznamov: 14

ADC - Vedecké práce v zahraničných karentovaných časopisoch (7)

AGJ - Autorské osvedčenia, patenty, objavy (7)

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: 67

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch (17)

ADF - Vedecké práce v domácich nekarentovaných časopisoch (20)

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (5)

AFC - Publikované príspevky na zahraničných vedeckých konferenciách (5)

AFD - Publikované príspevky na domácich vedeckých konferenciách (18)

BFB - Abstrakty odborných prác z domácich podujatí (konferencie...) (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 (2)

ADN - Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS (1)

Skupina D - Ostatné - mimo kategórií MŠSR

Počet záznamov: 7

BEF - Odborné práce v domácich nerecenzovaných zborníkoch (konferenčných aj nekonferenčných) (7)

Počet záznamov spolu: 96

Menný zoznam publikácií:

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách(2)

AAA001 [144840] **Structures and strategies of MAS in mobile robotics - robosoccer** / Mikuláš Hajduk, Marek Sukop - 1. vyd - Lublin : Politechnika Lubelska - 2013. - 136 p.. - ISBN 978-83-7947-011-2. [HAJDUK, Mikuláš (50%) - SUKOP, Marek (50%)]

AAA002 [194888] **Cognitive Multi-agent Systems Structures, Strategies and Applications to Mobile Robotics and Robosoccer**/ Marek Sukop, Mikuláš Hajduk, Matthias Haun - 1. vyd. - Cham : Springer Nature Switzerland - 2019. - 127 s. [online]. - ISBN 978-3-319-93687-1 (online). Spôsob prístupu:

<https://link.springer.com/book/10.1007/978-3-319-93687-1>.

[HAJDUK, Mikuláš (19%) - HAUN, Matthias (1%) - SUKOP, Marek (80%)]

Ohlasy:

2018 [1] IANTOVICS, Laszlo Barna - ROTAR, Corina - NECHITA, Elena Intelligent University Library Information Systems to Support Students Efficient Learning In: Lecture Notes in Computer Science vol. 11306: ICONIP 2018: 25th International Conference Neural Information Processing: Siem Reap, Cambodia, December 13-16, 2018 P. 193-204 ISSN: 0302-9743 ISBN: 978-303004223-3

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách(2)

ACB001 [189267] **Snímače a prevodníky** / Ivan Virgala ... [et al.] - 1. vyd - Košice : TU - 2017. - 183 s.. - ISBN 978-80-553-2879-9.

[VIRGALA, Ivan (24%) - MIKOVÁ, Ľubica (24%) - SUKOP, Marek (24%) - VAGAŠ, Marek (24%) - LIPTÁK, Tomáš (2%) - KELEMEN, Michal (2%)]

ACB002 [189265] **Mechatronika sústav** / Ľubica Miková ... [et al.] - 1. vyd - Košice : TU - 2018. - 149 s.. - ISBN 978-80-553-2912-3.

[MIKOVÁ, Ľubica (28%) - VIRGALA, Ivan (4%) - LIPTÁK, Tomáš (6%) - SUKOP, Marek (28%) - VAGAŠ, Marek (28%) - ŠARGA, Patrik (3%) - KELEMEN, Michal (3%)]

ADC - Vedecké práce v zahraničných karentovaných časopisoch(7)

ADC001 [180070] **Testing of parameters of proposed robotic wrist based on the precision modules** / Ján Semjon ... [et al.] - 2016.In: International journal of advanced robotic systems. Vol. 13 (2016), p. 1-7. - ISSN 1729-8814

[SEMJON, Ján (35%) - HAJDUK, Mikuláš (20%) - SUKOP, Marek (35%) - BALÁŽ, Vladimír (7%) - PILAT, Zbigniew (1%) - SULIK, Michal (1%) - PUTALA, Jozef (1%)]

Ohlasy:

2018 [1] DANESHJO, Naquib et al. Software support for optimizing layout solution in lean production In: TEM Journal -Technology Education Management Informatics Vol. 7, no. 1 (2018), p. 33-40 ISSN: 2217-8309

ADC002 [180135] **Measurement of weight of objects without affecting the handling algorithm** / Marek Sukop ... [et al.] - 2016.In: International Journal of Advanced Robotic Systems. Vol. 13 no. 5 (2016), p. 14-19. - ISSN 1729-8814

[SUKOP, Marek (20%) - HAJDUK, Mikuláš (1%) - SEMJON, Ján (20%) - JÁNOŠ, Rudolf (20%) - VARGA, Jozef (19%) - VAGAŠ, Marek (20%)]

Ohlasy:

2017 [3] MAKO, Peter Principles of mastering at Kuka robots In: Acta Mechatronica Roč. 2, č. 2 (2017), s. 7-12 ISSN: 2453-7306

2017 [4] KURYLO, Piotr Shape memory alloy actuators In: Acta Mechatronica Roč. 2, č. 4 (2017), s. 1-4 ISSN: 2453-7306

2018 [4] PAPACZ, Wladyslaw Didactic models of manipulators In: Acta Mechatronica Roč. 3, č. 3 (2018), s. 7-11

2018 [4] KURYLO, Piotr Experimental Stand for Actuator Testing In: Acta Mechatronica Roč. 3, č. 2 (2018), s. 7-10 ISSN: 2453-7306

ADC003 [180136] **Developing new behavior strategies of robot soccer team Sjf TUKE Robotics: Category MiroSot** / Mikuláš Hajduk ... [et al.] - 2016.In: International Journal of Advanced Robotic Systems. Vol. 13, no. 5 (2016), p. 53-57. - ISSN 1729-8814

[HAJDUK, Mikuláš (10%) - SUKOP, Marek (24%) - JÁNOŠ, Rudolf (24%) - SEMJON, Ján (24%) - TULEJA, Peter (10%) - ŠPAK, Michal (7%) - RUSNÁK, Rudolf (1%)]

ADC004 [186723] **Mutual comparison of developed actuators for robotic arms of service robots** / Ján Semjon ... [et al.] - 2017. In: International Journal of Advanced Robotic Systems. Vol. 14, no. 6 (2017), p. 1-8. - ISSN 1729-8814

[SEMJON, Ján (20%) - JÁNOŠ, Rudolf (20%) - SUKOP, Marek (20%) - VAGAŠ, Marek (20%) - VARGA, Jozef (10%) - HRONCOVÁ, Darina (8%) - GMITERKO, Alexander (2%)]

Ohlasy:

2017 [4] KURYLO, Piotr Shape memory alloy actuators In: Acta Mechatronica Roč. 2, č. 4 (2017), s. 1-4 ISSN: 2453-7306

2018 [4] KURYLO, Piotr Experimental Stand for Actuator Testing In: Acta Mechatronica Roč. 3, č. 2 (2018), s. 7-10 ISSN: 2453-7306

2018 [4] PAPACZ, Wladyslaw Didactic models of manipulators In: Acta Mechatronica Roč. 3, č. 3 (2018), s. 7-11 ISSN: 2453-7306

ADC005 [187303] **Conceptual design of a leg-wheel chassis for rescue operations** / Rudolf Jánoš ... [et al.] - 2017. In: International Journal of Advanced Robotic Systems. Vol. 14, no. 6 (2017), p. 1-9. - ISSN 1729-8814 Spôsob prístupu: <http://journals.sagepub.com/doi/full/10.1177/1729881417743556>.

[JÁNOŠ, Rudolf (20%) - SUKOP, Marek (20%) - SEMJON, Ján (10%) - VAGAŠ, Marek (20%) - GALAJDOVÁ, Alena (20%) - TULEJA, Peter (5%) - KOUKOLOVÁ, Lucia (4%) - MARCINKO, Peter (1%)]

Ohlasy:

2017 [4] KURYLO, Piotr Shape memory alloy actuators In: Acta Mechatronica Roč. 2, č. 4 (2017), s. 1-4 ISSN: 2453-7306

2018 [4] KURYLO, Piotr Experimental Stand for Actuator Testing In: Acta Mechatronica Roč. 3, č. 2 (2018), s. 7-10 ISSN: 2453-7306

2018 [4] PAPACZ, Wladyslaw Didactic Models of Manipulators In: Acta Mechatronica Roč. 3, č. 3 (2018), s. 7-11 ISSN: 2453-7306

ADC006 [191838] **Modeling and control of two-link snake** / Tomáš Lipták ... [et al.] - 2018. In: International Journal of Advanced Robotic Systems. Vol. 15, no. 2 (2018), p. 1-13. - ISSN 1729-8814 Spôsob prístupu: <http://journals.sagepub.com/doi/pdf/10.1177/1729881418760638>.

[LIPTÁK, Tomáš (20%) - VIRGALA, Ivan (10%) - MIKOVÁ, Ľubica (20%) - GALAJDOVÁ, Alena (20%) - TULEJA, Peter (3%) - KOUKOLOVÁ, Lucia (3%) - VARGA, Jozef (4%) - SUKOP, Marek (20%)]

Ohlasy:

2018 [4] KURYLO, Piotr Experimental Stand for Actuator Testing In: Acta Mechatronica Roč. 3, č. 2 (2018), s. 7-10 ISSN: 2453-7306

2018 [4] PAPACZ, Wladyslaw Didactics models of manipulators In: Acta Mechatronica: International Scientific Journal of Mechatronics Roč. 3, č. 3 (2018), s. 7-11 ISSN: 2453-7306

ADC007 [197106] **Robot vision ultra-wideband wireless sensor in non-cooperative industrial environments** / Pavol Galajda ... [et al.] - 2018. In: International Journal of Advanced Robotic Systems. Vol. 15, no. 4 (2018), p. 1-12. - ISSN 1729-8814 Spôsob prístupu:

<http://journals.sagepub.com/doi/full/10.1177/1729881418795767>.

[GALAJDA, Pavol (20%) - GALAJDOVÁ, Alena (20%) - SLOVÁK, Stanislav (14%) - PEČOVSKÝ, Martin (12%) - DRUTAROVSKÝ, Miloš (10%) - SUKOP, Marek (20%) - SAMANEH, I.B.A. (4%)]

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch(17)

ADE001 [163818] **Modular Robots On Multiagent Principe** / Rudolf Jánoš, Marek Sukop - 2015.In: Global management and economics. No. 1 (2015), p. 64-67. - ISSN 2411-5215 [JÁNOŠ, Rudolf (50%) - SUKOP, Marek (50%)]

Ohlasy:

2017 [1] SIMONOVA, Anna et al. Uses of on–off controller for regulation of higher-order system in comparator mode In: Electrical Engineering Vol. 99, no. 4 (2017), s. 1367-1375 ISSN: 1432-0487

ADE002 [163828] **Creating a DC motor control necessary for teaching mobile robotics** / Mikuláš Hajduk, Marek Sukop, Jozef Varga - 2015.In: Global management and economics. No. 1 (2015), p. 51-56. - ISSN 2411-5215 [HAJDUK, Mikuláš (33%) - SUKOP, Marek (34%) - VARGA, Jozef (33%)]

ADE003 [163829] **Application for controlling industry robot via smartphone** / Jozef Varga ... [et al.] - 2015.In: Global management and economics. No. 1 (2015), p. 167-170. - ISSN 2411-5215 [VARGA, Jozef (33%) - HAJDUK, Mikuláš (33%) - SUKOP, Marek (33%) - ŠPAK, Michal (1%)]

ADE004 [163830] **Proposal of mobile robot platform for tests its performance** / Marek Sukop - 2015.In: Global management and economics. No. 1 (2015), p. 129-133. - ISSN 2411-5215 [SUKOP, Marek (100%)]

ADE005 [163831] **Ultrasonic internal positioning system for mobile robots** / Marek Sukop, Rudolf Jánoš, Lucia Koukolová - 2015.In: Global management and economics. No. 1 (2015), p. 134-137. - ISSN 2411-5215 [SUKOP, Marek (40%) - JÁNOŠ, Rudolf (40%) - KOUKOLOVÁ, Lucia (20%)]

ADE006 [176915] **Proposal of Coaxial-copter Control** / Marek Sukop - 2016.In: Journal of Automation and Control. Vol. 4, no.2 (2016), p. 34-37. - ISSN 2372-3033 Spôsob prístupu: <http://pubs.sciepub.com/automation/4/2/6/>. [SUKOP, Marek (100%)]

ADE007 [176918] **The Proposal of Data Frame for Wireless Robots Control** / Michal Špak ... [et al.] - 2016.In: Journal of Automation and Control. Vol.4, no.2 (2016), p. 47-50. - ISSN 2372-3033 Spôsob prístupu: <http://pubs.sciepub.com/automation/4/2/9/>. [ŠPAK, Michal (10%) - SUKOP, Marek (70%) - JURUŠ, Ondrej (10%) - ŠTOFA, Miroslav (10%)]

ADE008 [176921] **Manipulator arm for robot SCORPIO** / Ondrej Juruš ... [et al.] - 2016.In: American Journal of Mechanical Engineering. Vol.4, no.7 (2016), p. 349-352. - ISSN 2328-4102 [JURUŠ, Ondrej (10%) - SUKOP, Marek (70%) - ŠPAK, Michal (10%) - ŠTOFA, Miroslav (10%)]

ADE009 [183985] **Poor optical sensor for mobile robots in education** / Marek Sukop ... [et al.] - 2016.In: Technical Sciences and Technologies. No. 4(6) (2016), p. 178-181. - ISSN 2411-5363 [SUKOP, Marek (30%) - VARGA, Jozef (30%) - JÁNOŠ, Rudolf (30%) - ŠPAK, Michal (5%) - JURUŠ, Ondrej (5%)]

ADE010 [183986] **Precise positioning actuators with stepper motor** / Rudolf Janos ... [et al.] - 2016.In: Technical Sciences and Technologies. No. 4(6) (2016), p. 162-165. - ISSN 2411-5363 [JÁNOŠ, Rudolf (33%) - SUKOP, Marek (33%) - VARGA, Jozef (32%) - KUBAK, Vaclav (1%) - JEZNÝ, Jaromír (1%)]

ADE011 [189354] **Measurment of bead wire circumference via optical sensor** / Jozef Varga ... [et al.] - 2016.In: Technical Sciences and Technologies. No. 4(6) (2016), p. 194-199. - ISSN 2411-5363 [VARGA, Jozef (30%) - JÁNOŠ, Rudolf (30%) - SUKOP, Marek (30%) - HAJDUK, Mikuláš (8%) - DUCHOVIČ, Peter (1%) - BEZÁK, Martin (1%)]

ADE012 [189359] **The proposal of two methods for measure weight of bead wires** / Jozef Varga ... [et al.] - 2016.In: Technical Sciences and Technologies. No. 4(6) (2016), p. 200-204. - ISSN 2411-5363 [VARGA, Jozef (30%) - JÁNOŠ, Rudolf (30%) - SUKOP, Marek (30%) - HAJDUK, Mikuláš (8%) - DUCHOVIČ, Peter (1%) - BEZÁK, Martin (1%)]

ADE013 [187112] **Robot ABB IRB 360 applications in the learning process** / Marek Sukop ... [et al.] - 2017.In: Journal of Automation and Control. Vol. 5, no. 2 (2017), p. 73-75. - ISSN 2372-3033 [SUKOP, Marek (18%) - JURUŠ, Ondrej (5%) - SEMJON, Ján (18%) - TULEJA, Peter (18%) - VAGAŠ, Marek (18%) - MARCINKO, Peter (5%) - JÁNOŠ, Rudolf (18%)]

ADE014 [187300] **Proposal of Anthropomorphic Robotic Hand** / Marek Sukop ... [et al.] - 2017.In: American Journal of Mechanical Engineering. Vol. 6, no. 5 (2017), p. 321-324. - ISSN 2328-4102 Spôsob prístupu: <http://www.sciepub.com/AJME/abstract/8422>. [SUKOP, Marek (18%) - JURUŠ, Ondrej (5%) - SEMJON, Ján (18%) - MARCINKO, Peter (5%) - TULEJA, Peter (18%) - VAGAŠ, Marek (18%) - JÁNOŠ, Rudolf (18%)]

ADE015 [187302] **Simulation of parallel robots** / Marek Sukop ... [et al.] - 2017.In: Journal of Automation and Control. Vol. 5, no. 2 (2017), p. 76-80. - ISSN 2372-3033 [SUKOP, Marek (18%) - JÁNOŠ, Rudolf (18%) - SEMJON, Ján (18%) - TULEJA, Peter (18%) - VAGAŠ, Marek (18%) - MARCINKO, Peter (5%) - JURUŠ, Ondrej (5%)]

ADE016 [187382] **Using the Vacuum in Handling Tasks in the Context of Operating Cost Savings** / Marek Sukop ... [et al.] - 2017.In: Journal of Automation and Control. Vol. 5, no. 2 (2017), p. 85-88. - ISSN 2372-3041 Spôsob prístupu: <http://www.sciepub.com/portal/downloads?doi=10.12691/automation-5-2-12&filename=automation-5-2-12.pdf>. [SUKOP, Marek (18%) - TULEJA, Peter (18%) - JÁNOŠ, Rudolf (18%) - JURUŠ, Ondrej (5%) - MARCINKO, Peter (5%) - SEMJON, Ján (18%) - VAGAŠ, Marek (18%)]

ADE017 [188273] **Remote Controlling of Automated Systems Based on Client – Server Architecture** / Marek Sukop ... [et al.] - 2017.In: Journal of Automation and Control. Vol. 2, no. 5 (2017), p. 69-72. - ISSN 2372-3041 Spôsob prístupu: <http://pubs.sciepub.com/automation/5/2/8/index.html>. [SUKOP, Marek (18%) - VAGAŠ, Marek (18%) - SEMJON, Ján (18%) - JÁNOŠ, Rudolf (18%) - TULEJA, Peter (18%) - MARCINKO, Peter (5%) - JURUŠ, Ondrej (5%)]

ADF - Vedecké práce v domácich nekarentovaných časopisoch(20)

ADF001 [132659] **Aplikácia robotického futbalu: 3. Spracovanie obrazu a detekcia robotov** / Marek Sukop, Lucia Páchniková - 2013.In: ATP Journal plus. Č. 1 (2013), s. 72-75. - ISSN 1336-5010 [SUKOP, Marek (60%) - KOUKOLOVÁ, Lucia (40%)]

ADF002 [133206] **Aplikácia robotického futbalu : 1. Použitie softvérové a hardvérové moduly** / Marek Sukop, Mikuláš Hajduk, Jozef Varga - 2013.In: ATP Journal plus. Č. 1 (2013), s. 66-68. - ISSN 1336-5010 [SUKOP, Marek (34%) - HAJDUK, Mikuláš (33%) - VARGA, Jozef (33%)]

ADF003 [133208] **Aplikácia robotického futbalu : 2. Robot ako hráč** / Marek Sukop ... [et al.] - 2013.In: ATP Journal plus. Č. 1 (2013), s. 69-71. - ISSN 1336-5010 [SUKOP, Marek (25%) - VARGA, Jozef (25%) - JÁNOŠ, Rudolf (25%) - SVETLÍK, Jozef (25%)]

ADF004 [133209] **Aplikácia robotického futbalu : 4. Modul stratégií** / Marek Sukop - 2013.In: ATP Journal plus. Č. 1 (2013), s. 76-82. - ISSN 1336-5010 [SUKOP, Marek (100%)]

ADF005 [154885] **Proposal of internal positioning system for mobile robotics** / Marek Sukop, Rudolf Jánoš - 2014.In: Transfer inovácií. Č. 30 (2014), s. 114-115. - ISSN 1337-7094 Spôsob prístupu:

<http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/30-2014/pdf/114-115.pdf>.

[SUKOP, Marek (50%) - JÁNOŠ, Rudolf (50%)]

Ohlasy:

2016 [4] LÖRINC, Milan Three axis linear portal manipulator In: Acta Mechatronica Roč. 1, č. 2 (2016), s. 27-30 ISSN: 2453-7306

ADF006 [154886] **Design of swivel walker with electromotoric module** / Jozef Varga, Marek Sukop - 2014.In: Transfer inovácií. Č. 30 (2014), s. 129-132. - ISSN 1337-7094 Spôsob prístupu:

<http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/30-2014/pdf/129-132.pdf>.

[VARGA, Jozef (50%) - SUKOP, Marek (50%)]

ADF007 [154887] **Modification and improvement of image processing algorithms of robot soccer for other uses** / Marek Sukop - 2014.In: Transfer inovácií. Č. 30 (2014), s. 111-113. - ISSN 1337-7094

[SUKOP, Marek (100%)]

ADF008 [154888] **Proposal of algorithms for cooperation among devices in application with robot** /

Marek Sukop - 2014.In: Transfer inovácií. Č. 29 (2014), s. 210-213. - ISSN 1337-7094

[SUKOP, Marek (100%)]

ADF009 [154889] **Multi-devices application with robot - Software application for android devices** /

Marek Sukop - 2014.In: Transfer inovácií. Č. 29 (2014), s. 218-220. - ISSN 1337-7094 Spôsob

prístupu: <http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/29-2014/pdf/218-220.pdf>.

[SUKOP, Marek (100%)]

Ohlasy:

2014 [3] MIKOLAJCZYK, Tadeusz Zastosowanie mobilnego robota w dydaktyce In: Logistyka No. 6 (2014), p. 7480-7487

ADF010 [165267] **Proposal Hardware and Software Modules for Multi-agent System of Robosoccer** /

Marek Sukop, Mikuláš Hajduk, Jozef Varga - 2014.In: Acta Mechanica Slovaca. Roč. 18, č. 2 (2014), s. 20-27. - ISSN 1335-2393

[SUKOP, Marek (34%) - HAJDUK, Mikuláš (33%) - VARGA, Jozef (33%)]

ADF011 [191297] **Multi devices application with robot - software application for android devices** /

Marek Sukop, Jozef Varga - 2014.In: Transfer inovácií. Č. 29 (2014), s. 218-220. - ISSN 1337-7094

Spôsob prístupu: <https://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/29-2014/pdf/218-220.pdf>.

[SUKOP, Marek (50%) - VARGA, Jozef (50%)]

ADF012 [162168] **Application For Rehabilitation "Virtual Rehab"** / Rudolf Jánoš, Marek Sukop,

Alexander Hajdecker - 2015.In: Transfer inovácií. Č. 31 (2015), s. 85-87. - ISSN 1337-7094 Spôsob

prístupu: <http://www.sjf.tuke.sk/transferinovacii>.

[JÁNOŠ, Rudolf (50%) - SUKOP, Marek (49%) - HAJDECKER, Alexander (1%)]

ADF013 [163832] **Experimental workplace MAS** / Marek Sukop, Rudolf Jánoš, Leonard Demko -

2015.In: Transfer inovácií. Č. 31 (2015), s. 22-24. - ISSN 1337-7094 Spôsob prístupu:

<http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/31-2015/pdf/022-024.pdf>.

[SUKOP, Marek (50%) - JÁNOŠ, Rudolf (49%) - DEMKO, Leonard (1%)]

ADF014 [165530] **Proposal of pneumatics chassis for service robot** / Rudolf Jánoš, Marek Sukop,

Ondrej Juruš - 2015.In: Transfer inovácií. Č. 32 (2015), s. 38-41. - ISSN 1337-7094 Spôsob prístupu:

<http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/32-2015/pdf/038-041.pdf>.

[JÁNOŠ, Rudolf (50%) - SUKOP, Marek (49%) - JURUŠ, Ondrej (1%)]

ADF015 [165531] **Internal positioning system for mobile robotics - proposal of testing application** /

Peter Tancsák ... [et al.] - 2015.In: Transfer inovácií. Č. 32 (2015), s. 94-95. - ISSN 1337-7094 Spôsob

prístupu: <http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/32-2015/pdf/094-095.pdf>.
[TANCSÁK, Peter (1%) - SUKOP, Marek (49%) - JÁNOŠ, Rudolf (49%) - ŠPAK, Michal (1%)]

ADF016 [165532] **Algorithms of IPS for mobile robotics - testing application** / Marek Sukop, Ondrej Juruš, Miroslav Mertan - 2015.In: Transfer inovácií. Č. 32 (2015), s. 100-103. - ISSN 1337-7094
Spôsob prístupu: <http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/32-2015/pdf/100-103.pdf>.
[SUKOP, Marek (80%) - JURUŠ, Ondrej (19%) - MERTAN, Miroslav (1%)]

ADF017 [165534] **Draft positioning service robots using ultrasound** / Ondrej Juruš ... [et al.] - 2015.In: Transfer inovácií. Č. 32 (2015), s. 91-93. - ISSN 1337-7094 Spôsob prístupu: <http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/32-2015/pdf/091-093.pdf>.
[JURUŠ, Ondrej (25%) - SUKOP, Marek (25%) - JÁNOŠ, Rudolf (25%) - ŠPAK, Michal (25%)]

ADF018 [165535] **Innovation of control subsystem for flying service robot** / Michal Špak ... [et al.] - 2015.In: Transfer inovácií. Č. 32 (2015), s. 46-49. - ISSN 1337-7094 Spôsob prístupu: <http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/32-2015/pdf/046-049.pdf>.
[ŠPAK, Michal (40%) - SUKOP, Marek (25%) - JURUŠ, Ondrej (25%) - ŠTOFA, Miroslav (10%)]

ADF019 [177367] **Mobile applications in smart device for medication delivery** / Michal Šulík ... [et al.] - 2016.In: Transfer inovácií. Č. 33 (2016), s. 156-158. - ISSN 1337-7094
[ŠULÍK, Michal (1%) - SEMJON, Ján (39%) - SUKOP, Marek (30%) - VAGAŠ, Marek (30%)]

ADF020 [178286] **Deploying mobile applications on smart devices - watch** / Ján Semjon, Marek Sukop, Marek Vagaš - 2016.In: Scientific Letters of Academic Society of Michal Baludansky. Roč. 4, č. 6A (2016), s. 89-91. - ISSN 1338-9432
[SEMJON, Ján (50%) - SUKOP, Marek (25%) - VAGAŠ, Marek (25%)]

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS(2)

ADM001 [184384] **Testing of adhesive spray painting with robot** / Marek Sukop ... [et al.] - 2017.In: Technical gazette. Vol. 24, no. 2 (2017), p. 545-550. - ISSN 1330-3651
[SUKOP, Marek (20%) - HAJDUK, Mikuláš (5%) - SEMJON, Ján (20%) - VARGA, Jozef (20%) - JÁNOŠ, Rudolf (20%) - VAGAŠ, Marek (5%) - BEZÁK, Martin (1%) - VIRGALA, Ivan (9%)]

Ohlasy:

2017 [3] DULENČIN, Peter The prototype of an "off-road" wheelchair build by students using robotics knowledge In: Journal of Technology and Exploitation in Mechanical Engineering Vol. 3, no. 2 (2017), p. 17-21 ISSN: 2451-148X

2017 [4] KURYLO, Piotr Shape memory alloy actuators In: Acta Mechatronica Roč. 2, č. 4 (2017), s. 1-4 ISSN: 2453-7306

2018 [4] PAPACZ, Wladyslaw Didactic models of manipulators In: Acta Mechatronica Roč. 3, č. 3 (2018), s. 7-11 ISSN: 2453-7306

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ADM002 [196156] **Principles of Formation of Flexible Manufacturing Systems** / Mikuláš Hajduk ... [et al.] - 2018.In: Tehnički Vjesnik = Technical Gazette = TV-TG. - Slavonski Brod (Chorvátsko) : Strojarski fakultet Roč. 25, č. 3 (2018), s. 649-654 [print]. - ISSN 1330-3651 Spôsob prístupu: <https://hrcak.srce.hr/202563>.
[HAJDUK, Mikuláš (20%) - SUKOP, Marek (20%) - SEMJON, Ján (20%) - JÁNOŠ, Rudolf (20%) - VARGA, Jozef (10%) - VAGAŠ, Marek (10%)]

ADN - Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS(1)

ADN001 [192436] **Comparison of the delta robot ABB IRB 360 properties after collisions** / Ján Semjon ... [et al.] - 2018.In: Communications - Scientific Letters of the University of Zilina. Roč. 20, č. 1 (2018), s. 42-46. - ISSN 1335-4205
[SEMJON, Ján (20%) - SUKOP, Marek (15%) - VAGAŠ, Marek (15%) - JÁNOŠ, Rudolf (15%) - TULEJA, Peter (15%) - KOUKOLOVÁ, Lucia (5%) - MARCINKO, Peter (5%) - JURUŠ, Ondrej (5%) - VARGA, Jozef (5%)]

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách(5)

AEC001 [137091] **Requirements For Agent - Rescue Robot** / Rudolf Jánoš ... [et al.] - 2013.In: Computer Aided Production Engineering. - Lublin : Lublin University of Technology, 2013 P. 126-130. - ISBN 978-83-63569-72-3
[JÁNOŠ, Rudolf (25%) - HAJDUK, Mikuláš (25%) - SUKOP, Marek (25%) - BALÁŽ, Vladimír (25%)]

AEC002 [138822] **Higher speeds of data between computers and mobile robots based on increase in the number of transmitters (robosoccer)** / Marek Sukop ... [et al.] - 2013.In: Computer Aided Production Engineering. - Lublin : Lublin University of Technology, 2013 P. 75-80. - ISBN 978-83-63569-72-3
[SUKOP, Marek (25%) - HAJDUK, Mikuláš (25%) - BALÁŽ, Vladimír (25%) - JÁNOŠ, Rudolf (25%)]
Ohlasy:

2017 [1] SIMONOVA, Anna et al. Uses of on-off controller for regulation of higher-order system in comparator mode In: Electrical Engineering Vol. 99, no. 4 (2017), p. 1367-1375 ISSN: 0948-7921

AEC003 [141958] **Strategic decision-making of MASTER software agent in terms of the behavior of mobile robot agents** / Mikulas Hajduk, Marek Sukop - 2013.In: Robot Intelligence Technology and Applications 2012 : series: Advances in Intelligent Systems and Computing. - Berlin : Springer-Verlag, 2013 P. 1-7. - ISBN 978-3-642-37373-2 Spôsob prístupu:
http://link.springer.com/chapter/10.1007/978-3-642-37374-9_69.
[HAJDUK, Mikuláš (50%) - SUKOP, Marek (50%)]

AEC004 [155212] **Proposal of flying robot control for multi robotic system (quadrocopter)** / Marek Sukop, Michal Špak, Mikuláš Hajduk - 2014.In: Robotics and Manufacturing Systems. - Lublin : Lublin University of Technology, 2014 P. 28-32. - ISBN 978-83-7947-104-1
[SUKOP, Marek (34%) - ŠPAK, Michal (33%) - HAJDUK, Mikuláš (33%)]

AEC005 [163835] **Higher speed of data between computers and mobile robots based on increase in the number of transmitters robosoccer** / Marek Sukop, Mikuláš Hajduk, Jaromir Jezny - 2015.In: Advances in Intelligent Systems and Computing vol. 316 : Emergent Trends in Robotics and Intelligent Systems. - Cham : Springer, 2015 Vol. 316 (2015), p. 163-168. - ISBN 978-3-319-10782-2 - ISSN 2194-5357
[SUKOP, Marek (50%) - HAJDUK, Mikuláš (49%) - JEZNY, Jaromir (1%)]

AFC - Publikované príspevky na zahraničných vedeckých konferenciách(5)

AFC001 [154890] **Robot as a Soccer Player in Multi-Robotic Application** / Mikuláš Hajduk, Marek Sukop - 2014.In: Applied Mechanics and Materials : 9th International Conference on Modeling and Optimization of the Aerospace, Robotics, Mechatronics, Machines-Tools, Mechanical Engineering and Human Motricity Fields, OPTIROB 2014 : Mangalia, Romania, 26-29 June 2014. Vol. 555 (2014), p. 334-340. - ISSN 1660-9336 Spôsob prístupu: <http://www.scientific.net/AMM.555.334>.
[HAJDUK, Mikuláš (50%) - SUKOP, Marek (50%)]

AFC002 [171218] **Simple algorithm for patterns recognition** / Jozef Varga, Marek Sukop - 2016.In:

Applied Mechanics and Materials : Automation and Robotics in Production Engineering. - Switzerland : TTP, 2016 Vol. 844 (2016), p. 75-78. - ISBN 978-3-03835-702-5 - ISSN 1660-9336 [VARGA, Jozef (40%) - SUKOP, Marek (60%)]

Ohlasy:

2017 [3] DUCHON, Frantisek et al. Image processing of motion for security applications In: European Scientific Journal Vol. 13, no. 27 (2017), p. 44-58 ISSN: 1857 - 7431

AFC003 [175086] **Design and implementation of remote lab with industrial robot accessible through the web** / Marek Vagaš, Marek Sukop, Jozef Varga - 2016.In: Applied Mechanics and Materials : ICMERA 2016. - Switzerland : TTP, 2016 Vol. 859 (2016), p. 67-73. - ISBN 978-3-03835-667-7 - ISSN 1660-9336

[VAGAŠ, Marek (40%) - SUKOP, Marek (30%) - VARGA, Jozef (30%)]

AFC004 [176055] **Solutions for measuring weight of bead wires** / Jozef Varga ... [et al.] - 2016.In: Applied Mechanics and Materials vol. 841 : Aerospace, Robotics, Manufacturing Systems, Mechanical Engineering, Biomechanics and Neurorehabilitations. - Switzerland : TTP, 2016 P. 145-151. - ISBN 978-3-03835-668-4

[VARGA, Jozef (24%) - SUKOP, Marek (24%) - JÁNOŠ, Rudolf (24%) - HAJDUK, Mikuláš (24%) - DUCHOVIČ, Peter (2%) - BEZÁK, Martin (2%)]

AFC005 [197682] **Design of reconfigurable robot** / Ivan Virgala ... [et al.] - 2018.In: Elektro 2018 : 12th International Conference, Mikulov, Czech Republic, May 21st - 23rd, 2018 : Conference Proceedings. - Piscataway (USA) : Institute of Electrical and Electronics Engineers s. 1-5 [USB-key, CD-ROM]. - ISBN 978-1-5386-4760-8

[VIRGALA, Ivan (24%) - MIKOVÁ, Ľubica (24%) - LIPTÁK, Tomáš (1%) - KELEMEN, Michal (24%) - SUROVEC, Róbert (1%) - FILAKOVSKÝ, Filip (1%) - JURUŠ, Ondrej (1%) - SUKOP, Marek (24%)]

AFD - Publikované príspevky na domácich vedeckých konferenciách(18)

AFD001 [133212] **Implementation of Two Cameras to Robotic Cell for Recognition of Components** / Marek Sukop - 2013.In: Applied Mechanics and Materials : ROBTEP 2012 : 11th International Conference on Industrial, Service and Humanoid Robotics, Štrbské Pleso, Slovakia, 14-16 November 2012. Vol. 282 (2013), p. 167-174. - ISBN 978-303785603-1 - ISSN 1660-9336 Spôsob prístupu: <http://www.scopus.com/record/display.url?eid=2-s2.0-84873920624&origin=resultslist&sort=plf-f&src=s&st1=sukop&st2=marek&nlo=1&nlr=20&nls=count-f&sid=3D1832B29E8EBD5CDA360C49C6D34EB0.euC1gMODexYIPkQec4u1Q%3a43&sof=ani&sdt=aut&sl=33&s=AU-ID%28%22Sukop%2c+Marek%22+36615762200%29&relpos=0&relpos=0&searchTerm=AU-ID%28%5C%26quot%3BSukop%2C+Marek%5C%26quot%3B+36615762200%29>

[SUKOP, Marek (100%)]

Ohlasy:

2018 [1] HE, Yu - CHEN, Shengyong Advances in sensing and processing methods for three-dimensional robot vision In: International Journal of Advanced Robotic Systems Vol. 15, no. 2 (2018), DOI: 10.1177/1729881418760623 ISSN: 1729-8814

AFD002 [142074] **Diagnostika merania vybraných charakteristík na robote Almega AX-V6** / Marek Vagaš ... [et al.] - 2013.In: Robotics and Intelligent Manufacturing Systems : zborník príspevkov z medzinárodnej konferencie : 27. jún 2013, Košice. - Košice : TU, 2013 S. 7-10. - ISBN 978-80-553-1473-0 [VAGAŠ, Marek (20%) - BALÁŽ, Vladimír (20%) - SEMJON, Ján (20%) - HAJDUK, Mikuláš (20%) - SUKOP, Marek (20%)]

AFD003 [142075] **Inovácie prístupov a princípy prípravy projektov vo výrobných systémoch** / Ján Semjon, Vladimír Baláž, Marek Sukop - 2013.In: Robotics and Intelligent Manufacturing Systems : zborník príspevkov z medzinárodnej konferencie : 27. jún 2013, Košice. - Košice : TU, 2013 S. 11-14. - ISBN 978-80-553-1473-0

[SEMJON, Ján (33%) - BALÁŽ, Vladimír (33%) - SUKOP, Marek (34%)]

AFD004 [142078] **Návrh modulárneho uchopovacieho efektora pre priemyselný robot duo Motoman / Marek Vagaš ... [et al.]** - 2013.In: Robotics and Intelligent Manufacturing Systems : zborník príspevkov z medzinárodnej konferencie : 27. jún 2013, Košice. - Košice : TU, 2013 S. 31-34. - ISBN 978-80-553-1473-0

[VAGAŠ, Marek (20%) - BALÁŽ, Vladimír (20%) - SEMJON, Ján (20%) - HAJDUK, Mikuláš (20%) - SUKOP, Marek (20%)]

AFD005 [151148] **Modular approach for design of technology units with rotary positioning modules / Ján Semjon ... [et al.]** - 2014.In: Applied Mechanics and Materials : ROBTEP 2014 : 13th International Conference on Industrial, Service and Humanoid Robotics, Štrbské Pleso, Slovakia, 15-17 May 2014. Vol. 613 (2014), p. 314-319. - ISBN 978-303835202-0 - ISSN 1660-9336 Spôsob prístupu:

<http://www.scopus.com/record/display.url?eid=2-s2.0-84906519323&origin=resultslist&sort=plf-f&src=s&sid=027367B489F0252058BE4AF8A2AF0FA7.53bsOu7mi7A1NSY7fPj1g%3a80&sort=autdocs&sdt=autdocs&sl=18&s=AU-ID%2855571411200%29&relpos=0&relpos=0&citeCnt=0&searchTerm=>

[SEMJON, Ján (30%) - VARGA, Jozef (30%) - SUKOP, Marek (30%) - POPČAK, Marián (5%) - ČOP, Vladimír (5%)]

AFD006 [154883] **Multi-devices application with industrial robot / Marek Sukop** - 2014.In: Applied Mechanics and Materials : ROBTEP 2014 : 13th International Conference on Industrial, Service and Humanoid Robotics, Štrbské Pleso, Slovakia, 15-17 May 2014. - 978-303835202-0 Vol. 613 (2014), p. 102-111. - ISSN 1660-9336 Spôsob prístupu: [10.4028/www.scientific.net/AMM.613.102](http://www.scientific.net/AMM.613.102).

[SUKOP, Marek (100%)]

Ohlasy:

2014 [3] MIKOLAJCZYK, Tadeusz Zastosowanie mobilnego robota w dydaktyce In: Logistyka [online] No. 6 (2014), art. no. 6771

AFD007 [155123] **Strategic behavior of the group of mobile robots for robosoccer (category Mirosoft) / Marek Sukop, Mikuláš Hajduk, Rudolf Jánoš** - 2014.In: IEEE RAAD 2014 : Robotics in Alpe-Adria-Danube Region : 23rd International Conference : September 3-5, 2014, Smolenice. - Danvers : IEEE, 2014 S. 1-5. - ISBN 978-1-4799-6797-1 Spôsob prístupu:

[://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7002266&refinements%3D4262011480%2C4262011479%2C4262008423%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A700223%29](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7002266&refinements%3D4262011480%2C4262011479%2C4262008423%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A700223%29)

[SUKOP, Marek (40%) - HAJDUK, Mikuláš (30%) - JÁNOŠ, Rudolf (30%)]

Ohlasy:

2016 [1] AMELIN, Konstantin - TYUSHEV, Kiril - KALITEEVSKII, Vasilii Communication and maintaining of data integrity method for decentralized network of autonomous group of mobile robots In: CODIT 2016 : 3rd International conference on control, decision and information technologies : 6-8 April, 2016 St. Pauls Bay P. 372-377 ISBN: 978-1-5090-2188-8

2016 [1] TYUSHEV, K., AMELIN, K., ANDRIEVSKY, B. The method of saving data integrity for decentralized network of group of UAV using quantized gossip algorithms In: IFAC-PapersOnLine Vol. 49, no. 13 (2016), p. 259-264 ISSN: 2405-8963

2017 [1] RAVANKAR, Abhijeet et al. Symbiotic navigation in multi-robot systems with remote obstacle knowledge sharing In: Sensors Vol. 17, no. 7 (2017), art.no. 1581 ISSN: 1424-8220

AFD008 [155195] **Transferring image processing algorithms on application with multi arm robot and mobile phone / Marek Sukop, Mikuláš Hajduk, Marek Vagaš** - 2014.In: Robotics in Alpe-Adria-Danube Region : 23rd International Conference : September 3 - 5, 2014, Smolenice Castle, Slovakia. - Bratislava : STU, 2014 S. 1-6. - ISBN 978-80-227-4219-1

[SUKOP, Marek (34%) - HAJDUK, Mikuláš (33%) - VAGAŠ, Marek (33%)]

Ohlasy:

2015 [3] HRICKO, Jaroslav - HAVLÍK, Štefan Design of Compact Compliant Devices – Mathematical Models vs. Experiments In: American Journal of Mechanical Engineering [online] Vol. 3, no. 6 (2015), p. 201-206 ISSN: 2328-4110

2017 [1] PÁSZTÓ, P. et al. Android-based mobile robotic platform performance testing for real-time navigation In: Advances in Intelligent Systems and Computing : RiTA 2015 : Bucheon, December 14-16, 2015 Vol. 447 (2017), p. 155-169 ISSN: 2194-5357 ISBN: 978-331931291-0

AFD009 [169015] **Inovácia riadiaceho subsystému lietajúceho servisného robota** / Michal Špak, Marek Sukop - 2016.In: Novus Scientia 2016. - Košice : TU, 2016 S. 186-189. - ISBN 978-80-553-2495-1 [ŠPAK, Michal (50%) - SUKOP, Marek (50%)]

AFD010 [171208] **Extension functional properties of robot** / Ondrej Juruš ... [et al.] - 2016.In: Ukraine - EU. Modern Technology, Business and Law. - Chernihiv : Chernihiv National University of Technology, 2016 S. 305-306. - ISBN 978-966-7496-71-5 [JURUŠ, Ondrej (25%) - SUKOP, Marek (25%) - ŠPAK, Michal (25%) - ŠTOFA, Miroslav (25%)]

AFD011 [171212] **Methods of designing robots** / Rudolf Jánoš, Jozef Varga, Marek Sukop - 2016.In: Ukraine - EU. Modern Technology, Business and Law. - Chernihiv : Chernihiv National University of Technology, 2016 S. 303-305. - ISBN 978-966-7496-71-5 [JÁNOŠ, Rudolf (34%) - VARGA, Jozef (33%) - SUKOP, Marek (33%)]

AFD012 [171354] **Measurement of bead wire circumference via optical sensor** / Jozef Varga, Rudolf Jánoš, Marek Sukop - 2016.In: Ukraine - EU. Modern Technology, Business and Law. - Chernihiv : Chernihiv National University of Technology, 2016 S. 344-346. - ISBN 978-966-7496-71-5 [VARGA, Jozef (34%) - JÁNOŠ, Rudolf (33%) - SUKOP, Marek (33%)]

AFD013 [171386] **Very simple optical sensor to direct and recognition objects for mobile robots** / Marek Sukop ... [et al.] - 2016.In: Ukraine - EU. Modern Technology, Business and Law. - Chernihiv : Chernihiv National University of Technology, 2016 S. 330-331. - ISBN 978-966-7496-71-5 [SUKOP, Marek (30%) - VARGA, Jozef (30%) - JÁNOŠ, Rudolf (30%) - ŠPAK, Michal (5%) - JURUŠ, Ondrej (5%)]

Ohlasy:

2018 [1] DEKAN, Martin et al. Moving obstacles detection based on laser range finder measurements In: International Journal of Advanced Robotic Systems Vol. 15, no. 1 (2018), art. no. 1729881417748132 ISSN: 1729-8806

AFD014 [171387] **Proposal of control algorithms for flying service robot** / Michal Špak, Marek Sukop, Ondrej Juruš - 2016.In: Ukraine - EU. Modern Technology, Business and Law. - Chernihiv : Chernihiv National University of Technology, 2016 S. 334-336. - ISBN 978-966-7496-71-5 [ŠPAK, Michal (25%) - SUKOP, Marek (50%) - JURUŠ, Ondrej (25%)]

AFD015 [177801] **Vávrh univerzálneho bezdrôtového robotické zariadenia** / Michal Špak, Marek Sukop - 2017.In: Novus Scientia 2017. - Košice : TU, 2017 S. 187-190. - ISBN 978-80-553-3080-8 [ŠPAK, Michal (50%) - SUKOP, Marek (50%)]

AFD016 [177908] **Návrh manipulačnej nadstavby servisného mobilného robota** / Ondrej Juruš, Marek Sukop - 2017.In: Novus Scientia 2017. - Košice : TU, 2017 S. 67-70. - ISBN 978-80-553-3080-8 [JURUŠ, Ondrej (60%) - SUKOP, Marek (40%)]

AFD017 [190293] **Porovnanie vlastnosti robota IRB 360 po kolízií** / Ján Semjon, Marek Sukop, Rudolf Jánoš - 2018.In: ARTEP 2018. - Košice : TU, 2018 S. 39-1-39-8. - ISBN 978-80-553-2914-7 [SEMJON, Ján (34%) - SUKOP, Marek (33%) - JÁNOŠ, Rudolf (33%)]

AFD018 [190322] **Condition evaluation of the optical metroscope** / Tatiana Kelemenová ... [et al.] - 2018.In: ARTEP 2018. - Košice : TU, 2018 S. 32-1-32-10. - ISBN 978-80-553-2914-7 [KELEMENOVÁ, Tatiana (16%) - MIKOVÁ, Ľubica (16%) - VIRGALA, Ivan (16%) - SUKOP, Marek (16%) - LIPTÁK, Tomáš (16%) - KELEMEN, Michal (20%)]

AGJ - Autorské osvedčenia, patenty, objavy(7)

AGJ001 [137097] **Testovacie zariadenie vačkových spínačov** úžitkový vzor č. 6508 : Vestník ÚPV SR 92013/ Mikuláš Hajduk ... [et al.] - Banská Bystrica : ÚPV SR - 2013. - 4 s.. [HAJDUK, Mikuláš (25%) - SUKOP, Marek (25%) - SEMJON, Ján (25%) - JÁNOŠ, Rudolf (25%)]

AGJ002 [162166] **Dvojamenný mechanizmus na skladanie Rubikovej kocky** úžitkový vzor č. 7114 : Vestník ÚPV SR č. 052015/ Mikuláš Hajduk ... [et al.] - Banská Bystrica : ÚPV SR - 2015. - 5 s.. [HAJDUK, Mikuláš (25%) - VARGA, Jozef (25%) - SUKOP, Marek (25%) - ĎUROVSKÝ, František (25%)]

AGJ003 [177021] **Skúšobné zariadenie na testovanie akčných členov** zverejnená patentová prihláška SK 5-2016 A3/ Ivan Virgala ... [et al.] - Banská Bystrica : ÚPV SR - 2017. - 6 s. [VIRGALA, Ivan (22%) - KELEMEN, Michal (22%) - GMITERKO, Alexander (5%) - KELEMENOVÁ, Tatiana (5%) - FRANKOVSKÝ, Peter (10%) - MIKOVÁ, Ľubica (10%) - ŠARGA, Patrik (3%) - HRONCOVÁ, Darina (3%) - LIPTÁK, Tomáš (10%) - PRADA, Erik (1%) - SUKOP, Marek (3%) - SEMJON, Ján (3%) - JÁNOŠ, Rudolf (3%)]

AGJ004 [177024] **Lineárny solenoidný elektromagnetický aktuátor s diferenciálne sériovo zapojenými vinutiami a permanentným magnetom** zverejnená patentová prihláška SK 6-2016 A3/ Ivan Virgala ... [et al.] - Banská Bystrica : ÚPV SR - 2017. - 7 s. [VIRGALA, Ivan (20%) - KELEMEN, Michal (20%) - GMITERKO, Alexander (5%) - KELEMENOVÁ, Tatiana (5%) - FRANKOVSKÝ, Peter (10%) - MIKOVÁ, Ľubica (15%) - ŠARGA, Patrik (6%) - HRONCOVÁ, Darina (3%) - LIPTÁK, Tomáš (6%) - MAXIM, Vladislav (1%) - SUKOP, Marek (3%) - SEMJON, Ján (3%) - JÁNOŠ, Rudolf (3%)]

AGJ005 [177025] **Kolesový potrubný stroj s automatickým nastavením rozpätia kolies podľa priemeru potrubia** zverejnená patentová prihláška SK 7-2016 A3/ Ivan Virgala ... [et al.] - Banská Bystrica : ÚPV SR - 2017. - 10 s. [VIRGALA, Ivan (15%) - KELEMEN, Michal (10%) - GMITERKO, Alexander (10%) - KELEMENOVÁ, Tatiana (10%) - FRANKOVSKÝ, Peter (10%) - MIKOVÁ, Ľubica (5%) - ŠARGA, Patrik (5%) - HRONCOVÁ, Darina (5%) - LIPTÁK, Tomáš (5%) - MAXIM, Vladislav (5%) - SUKOP, Marek (5%) - SEMJON, Ján (5%) - JÁNOŠ, Rudolf (5%) - ČEREVKA, Tomáš (5%)]

AGJ006 [177026] **Štetinový potrubný stroj pohybujúci sa v potrubí na princípe diferencie trenia** zverejnená patentová prihláška SK 8-2016 A3/ Ivan Virgala ... [et al.] - Banská Bystrica : ÚPV SR - 2017. - 7 s. [VIRGALA, Ivan (24%) - KELEMEN, Michal (20%) - GMITERKO, Alexander (5%) - KELEMENOVÁ, Tatiana (5%) - FRANKOVSKÝ, Peter (10%) - MIKOVÁ, Ľubica (10%) - ŠARGA, Patrik (3%) - HRONCOVÁ, Darina (3%) - LIPTÁK, Tomáš (10%) - MAXIM, Vladislav (1%) - SUKOP, Marek (3%) - SEMJON, Ján (3%) - JÁNOŠ, Rudolf (3%)]

AGJ007 [177029] **Mobilný dvojnohý robot so stabilizovanou základňou** zverejnená patentová prihláška SK 11-2016 A3/ Ivan Virgala ... [et al.] - Banská Bystrica : ÚPV SR - 2017. - 7 s. [VIRGALA, Ivan (20%) - KELEMEN, Michal (10%) - GMITERKO, Alexander (10%) - KELEMENOVÁ, Tatiana (10%) - FRANKOVSKÝ, Peter (10%) - MIKOVÁ, Ľubica (10%) - ŠARGA, Patrik (5%) - HRONCOVÁ, Darina (5%) - LIPTÁK, Tomáš (5%) - PRADA, Erik (5%) - ŠIMŠAJ, Daniel (5%) - SUKOP, Marek (5%)]

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BEF - Odborné práce v domácich nerecenzovaných zborníkoch (konferenčných aj nekonferenčných)(7)

BEF001 [157785] **Introduction to the robotic rehabilitation systems** / Lucia Koukolová, Mikuláš Hajduk, Marek Sukop - 2015.In: Ukraine - EU. Modern Technology, Business and Law. - Chernihiv : Chernihiv National University of Technology, 2015 P. 26-28.

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BEF002 [157786] **The Internal Positioning System for Mobile Robotics Based on Ultrasound** / Lucia Koukolová, Marek Sukop, Rudolf Jánoš - 2015.In: Ukraine - EU. Modern Technology, Business and Law. - Chernihiv : Chernihiv National University of Technology, 2015 P. 28-29.

[KOUKOLOVÁ, Lucia (20%) - SUKOP, Marek (60%) - JÁNOŠ, Rudolf (20%)]

BEF003 [157967] **Dice application with robot and android device** / Michal Špak ... [et al.] - 2015.In: Ukraine - EU. Modern Technology, Business and Law. - Chernihiv : Chernihiv National University of Technology, 2015 S. 29-30.

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BEF004 [162167] **Design of Modular Robots on Multiagent Principe** / Rudolf Jánoš, Marek Sukop - 2015.In: Ukraine - EU. Modern Technology, Business and Law. - Chernihiv : Chernihiv National University of Technology, 2015 P. 35-36.

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BFB - Abstrakty odborných prác z domácich podujatí (konferencie...)(2)

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