

**UNIVERZITA KOMENSKÉHO
FAKULTA MATEMATIKY, FYZIKY A INFORMATIKY**

Zoznam publikačnej činnosti

doc. Ing. Igor Farkaš, PhD.

AAB Vedecké monografie vydané v domácich vydavateľstvách

- AAB01 Kvasnička, Vladimír - Pospíchal, Jiří - Beňušková, Lubica 20% - Farkaš, Igor 20% - Tiňo, Peter - Král, Andrej : Úvod do teórie neurónových sietí. - Bratislava : Iris, 1997. - 285 s.
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AAB02 Rybár, Ján 13% - Dorjee, Dušana 19% - Farkaš, Igor 6% - Gyárfáš, František 4% - Kabátová, Martina 8% - Markošová, Mária 8% - Rebrová, Kristína 9% - Retová, Dana 11% - Sirota, Miroslav 11% - Sollár, Tomáš 5%

- Takáč, Martin 6%: Kognitívne paradigmy.- 1. slov. vyd. - Bratislava : Vydavateľstvo Európa, 2012. - 250 s. - (Edícia Šimon ; zv. 16)
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ABB Štúdie v časopisoch a zborníkoch charakteru vedeckej monografie vydané v domácich vydavateľstvách

ABB01 Farkaš, Igor 100%: Konekcionalizmus v náručí výpočtovej kognitívnej vedy
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ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách

ABC01 Li, Ping - Farkaš, Igor 35%: A self-organizing connectionist model of bilingual processing
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ABD01 Farkaš, Igor : Konekcionistické modelovanie jazyka

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In: Jazyk a kognícia. - Bratislava : Kalligram, 2005. - S. 262-305. - ISBN 80-7149-716-9

ABD02 Farkaš, Igor 100%: Konceptuálne východiská pre model stelesnenej mysle

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Lit. 24 záz., 18 obr., 13 tab.

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Lit. 19 záz., 6 obr.

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ADD01 Chudý, Lucius - Farkaš, Igor : Modely horizontálneho regionálneho finančného vyrovnávania

Lit. 4 záz., 8 grafov

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Lit. 5 zázň., 19 grafův
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ADE Vedecké práce v zahraničných nekarentovaných časopisoch

ADE01 Farkaš, Igor : Interference cancelling using constrained topological mapping
Lit. 8 zázň., 5 obr.
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ADE02 Farkaš, Igor : Self-organized formant mapping
Lit. 11 zázň., 5 obr., 3 tab.
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Popis urobený 3.10.2012
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AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách

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AEF01 Farkaš, Igor : Hľadanie kauzálnych vzťahov v probléme tela a mysle z pohľadu neredukcionistického fyzikalizmu
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AFC11 Farkaš, Igor 100%: Learning nonadjacent dependencies with a recurrent neural network

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In: IJCCI 2009 : Proceedings of the International Joint Conference on Computational Intelligence. - Setúbal : INSTICC, 2009. - S. 459-466. - ISBN 978-989-674-014-6

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Lit. 46 zázň., 1 obr.

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POZNÁMKA: Vyšlo aj ako abstrakt - From Brains to Systems. - Madrid : Universidad Politécnica de Madrid, 2010. - S. 35. - ISBN 978-84-614-1870-1

AFC14 Švantner, Ján 40% - Farkaš, Igor 40% - Crocker, Matthew W. 20%: Modeling utterance-mediated attention in situated language comprehension

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Lit. 13 zázň., 3 obr.

In: Expanding the Space of Cognitive Science [elektronický zdroj]. - Austin : Cognitive Science Society, 2011. - S. 2235-2240 [online]. - ISBN 978-0-9768318-7-7

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AFC15 Vavrečka, Michal 60% - Farkaš, Igor 40%: Unsupervised grounding of spatial relations [elektronický dokument]

Popis urobený 19.9.2011

Lit. 26 záz. n.

In: European Perspectives on Cognitive Science. - Sofia : New Bulgarian University Press, 2011. - [nestr., 6 s.]. - ISBN 978-954-535-660-5

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AFD16 Vavrečka, Michal 34% - Farkaš, Igor 33% - Lhotská, Lenka 33%: Bio-inspired model of spatial cognition
Recenzované

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AFD02 Farkaš, Igor - Chudý, Lucius : Skeletonization of binary patterns with modified dynamic cell structures

Lit. 7 záz. n., 1 obr.

In: Measurement '97. - Bratislava : Slovak Academy of Science, 1997. - S. 258-261. - ISBN 80-967402-1-0

[Measurement 1997 : Medzinárodná konferencia. Smolenice, 29.-31.5.1997]

AFD03 Rosipal, Roman - Koska, Miloš - Farkaš, Igor : Chaotic time-series prediction using resource-allocating RBF networks

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In: Measurement '97. - Bratislava : Slovak Academy of Science, 1997. - S. 282-285. - ISBN 80-967402-1-0

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AFD04 Farkaš, Igor : Self-organizing maps for representing structures

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In: The State of the Art in Computational Intelligence : Proceedings of European Symposium on Computational Intelligence. - Heidelberg : Physica-Verlag, 2000. - S. 27-32. - ISBN 3-7908-1322-2. - (Advances in Soft Computing)

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AFD05 Farkaš, Igor : Jazyk, mozog a evolúcia

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AFD06 Švantner, Ján 50% - Farkaš, Igor 50%: Investigating distributed representations in grammar acquisition with echo state networks

Lit. 9 záz. n.

In: Proceedings of the Tenth International Conference on Informatics. - Košice : elfa, 2009. - S. 265-270. -

ISBN 978-80-8086-126-1

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AFD07 Farkaš, Igor 40% - Malý, Michal 30% - Rebrová, Kristína 30%: Porozumenie motorickým akciám - hypotéza kontinua
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Lit. 29 zázň., 1 obr.
In: Kognícia a umělý život XI. - Opava : Slezská univerzita, 2011. - S. 61-68. - ISBN 978-80-7248-644-1
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AFD08 Rebrová, Kristína 80% - Farkaš, Igor 20%: Neurálne modely v kognitívnej robotike: porozumenie a pomenovávanie akcií
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Lit. 38 zázň., 2 obr.
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AFJ Preprinty vedeckých prác vydané v domácich vydavateľstvách

AFJ01 Farkaš, Igor 34% - Malý, Michal 33% - Rebrová, Kristína 33%: Mirror neurons theoretical and computational issues [elektronický dokument]. - Bratislava : Faculty of Mathematics, Physics and Informatics Comenius University, 2011. - (Technical Reports in Informatics ; TR-2011-028)
Popis urobený 10.11.2011
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BBB Kapitoly v odborných monografiách vydané v domácich vydavateľstvách

BBB01 Farkaš, Igor 34% - Šefránek, Ján 33% - Takáč, Martin 33%: Vznik inteligencie v umelých systémoch
Lit. 22 zázň.
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BDF Odborné práce v domácich nekarentovaných časopisoch

BDF01 Chudý, Lucius - Farkaš, Igor : Nová finančná veda-nové nádeje a výzvy
3 obr.
In: Biatic. - Roč. 6, č. 5 (1998), s. 2-5

BDF02 Farkaš, Igor 100%: Subjektívna skúsenosť očami informatika
In: Anthropos. - Roč. 7, č. 1 (2010), s. 72-78

BEC Odborné práce v zahraničných recenzovaných zborníkoch (konferenčných aj nekonferenčných)

BEC01 Farkaš, Igor : Recipročná kauzalita medzi myslou a mozgom z neurovednej perspektívy
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Lit. 41 zázň.
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[Kognícia a umělý život 2005 : Slovensko-český seminár o kognícii a umelom živote. 5., Smolenice, 30.5.-2.6.2005]

- BEC02 Farkaš, Igor : Samoorganizácia ako hybná sila dynamických vzorcov aktivity v mozgu a myšli
Lit. 50 zázň.
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[Kognice a umělý život 2006 : Česko-slovenský seminář. 6., Třešř, 28.5.-1.6.2006]
- BEC03 Farkaš, Igor - Vančo, Pavol : Spracovanie postupností symbolov pomocou rekurzivných neurónových máp
Lit. 25 zázň., 12 obr.
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[Kognícia a umělý život 2007 : Slovensko-český seminář. 7., Smolenice, 28.5.-31.5.2007]
- BEC04 Farkaš, Igor - Švantner, Ján : Učenie nesusedných závislostí pomocou rekurentných neurónových sietí
Lit. 29 zázň., 4 obr.
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- BEC05 Farkaš, Igor 100 %: Subsymbolový konceptuálny rámec modelu stelesnenej mysle
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- BEC06 Farkaš, Igor 100 %: Významy ako mentálne simulácie v situačnom modeli
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Lit. 38 zázň.
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[Kognícia a umělý život 2009 : Slovenský a český seminář o kognícii a umelom životě. 9., Stará Lesná, 1.-4.6.2009]
- BEC07 Švantner, Ján 65% - Farkaš, Igor 35%: Učenie gramatických závislostí pomocou neurónovej siete s echo stavmi
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Lit. 15 zázň.
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- BEC08 Farkaš, Igor 100 %: Neurálne modely v kognitívnej robotike: vizuálno-motorická interakcia
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Lit. 46 zázň.
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- BEC09 Malinovský, Ludovít 80% - Farkaš, Igor 20%: Triadická interakcia v emergencii komunikácie
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Lit. 12 zázň., 5 obr.
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- BEC10 Rebrová, Kristína 80% - Farkaš, Igor 20%: Robotický model systému zrkadliacich neurónov
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Lit. 37 zázň., 1 obr.
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BED Odborné práce v domácich recenzovaných zborníkoch (konferenčných aj nekonferenčných)

BED01 Farkaš, Igor : Interference cancelling based on modified Kohonen learning

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BED02 Farkaš, Igor : What is the structure of human lexical system ?

Lit. 27 zázň., 1 obr.

In: Kognícia, umelý život a počítačová inteligencia. - Košice : elfa, 2003. - S. 13-18. - ISBN 80-89066-64-X

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BED03 Szénaí, Norbert 25% - Klobušník, Matej 25% - Zdechovan, Lukáš 25% - Farkaš, Igor 25%: Predvádzajúci sa robot [elektronický dokument] : simulátor robotického dieťaťa iCub

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DAI Dizertačné a habilitačné práce

DAI01 Farkaš, Igor: On vector-coded feature mapping using self-organizing neural maps. - Bratislava : [s.n.], 1995. - 80 s.

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DAI02 Farkaš, Igor 100 %: Samoorganizujúce sa neurálne mapy: priestorové a časové rozšírenia. - Bratislava : [s.n.], 2006

Habilitačná práca (Docent; Doc.) - Univerzita Komenského, Bratislava, 2006

Lit. 61 zázň.

Štatistika kategórií (Záznamov spolu: 69):

AAB Vedecké monografie vydané v domácich vydavateľstvách (2)

ABB Štúdie v časopisoch a zborníkoch charakteru vedeckej monografie vydané v domácich vydavateľstvách (1)

ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách (1)

ABD Kapitoly vo vedeckých monografiách vydané v domácich vydavateľstvách (2)

ADC Vedecké práce v zahraničných karentovaných časopisoch (6)

ADD Vedecké práce v domácich karentovaných časopisoch (2)

ADE Vedecké práce v zahraničných nekarentovaných časopisoch (9)

ADF Vedecké práce v domácich nekarentovaných časopisoch (1)

AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (1)

AEF Vedecké práce v domácich nerecenzovaných vedeckých zborníkoch, monografiách (1)

AFC Publikované príspevky na zahraničných vedeckých konferenciách (16)

AFD Publikované príspevky na domácich vedeckých konferenciách (8)

AFJ Preprinty vedeckých prác vydané v domácich vydavateľstvách (1)

BBB Kapitoly v odborných monografiách vydané v domácich vydavateľstvách (1)

BDF Odborné práce v domácich nekarentovaných časopisoch (2)

BEC Odborné práce v zahraničných recenzovaných zborníkoch (konferenčných aj nekonferenčných) (10)

BED Odborné práce v domácich recenzovaných zborníkoch (konferenčných aj nekonferenčných) (3)

DAI Dizertačné a habilitačné práce (2)

Štatistika ohlasov (241):

[o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (152)

[o2] Citácie v domácich publikáciách registrované v citačných indexoch (4)

[o3] Citácie v zahraničných publikáciách neregistrované v citačných indexoch (78)

[o4] Citácie v domácich publikáciách neregistrované v citačných indexoch (7)

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