

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

**Zoznam publikačnej činnosti**

**doc. RNDr. Rastislav Královič, PhD.**

**ADC Vedecké práce v zahraničných karentovaných časopisoch**

ADC01 Královič, Rastislav - Ružička, Peter - Štefankovič, Daniel : The complexity of shortest path and dilation bounded interval routing

Lit. 23 zázň., 8 obr., 2 tab.

In: Theoretical Computer Science. - Vol. 234, No. 1-2 (2000), s. 85-107

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ADC02 Elsässer, Robert - Královič, Rastislav - Monien, Burkhard : Sparse topologies with small spectrum size

Lit. 20 zázň.

In: Theoretical Computer Science. - Vol. 307, No. 3 (2003), s. 549-565

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- ADC04 Dobrev, Štefan - Flocchini, Paola - Kráľovič, Rastislav - Ružička, Peter - Prencipe, G. - Santoro, Nicola : Black hole search in common interconnection networks  
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ADC05 Broersma, Hajo - Fomin, Fedor V. - Kráľovič, Rastislav - Woeginger, Gerhard J. : Eliminating graphs by means of parallel knock-out schemes  
Lit. 9 zázň., 2 obr.  
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ADC06 Kráľovič, Rastislav - Ružička, Peter : Ranks of graphs: The size of acyclic orientation cover for deadlock-free packet routing  
Lit. 11 zázň., 4 obr.  
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ADC07 Dobrev, Štefan - Kráľovič, Rastislav 25% - Kráľovič, Richard 25% - Santoro, Nicola : On fractional dynamic faults with thresholds  
Rozšírené a prepracované vydanie  
Lit. 20 zázň.  
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ADC08 Dobrev, Štefan - Kráľovič, Rastislav 33% - Pardubská, Dana 33%: Measuring the problem-relevant information in input  
Lit. 32 zázň., 6 obr.  
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ADC09 Kráľovič, Rastislav 50% - Kráľovič, Richard 50%: Rapid almost-complete broadcasting in faulty networks  
Rozšírená práca  
Lit. 28 zázň., 1 obr., 2 tab.  
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#### **ADD Vedecké práce v domácich karentovaných časopisoch**

ADD01 Kráľovič, Rastislav - Rován, Branislav - Ružička, Peter - Štefankovič, Daniel : Efficient deadlock-free multidimensional interval routing in hypercube-like networks

Lit. 30 zázň.

In: Computing and Informatics. - Vol. 21, No. 3 (2002), s. 265-287

### **ADE Vedecké práce v zahraničných nekarentovaných časopisoch**

ADE01 Flocchini, Paola - Kráľovič, Rastislav - Ružička, Peter - Roncato, Alessandro - Santoro, Nicola : On time versus size for monotone dynamic monopolies in regular topologies

Lit. 11 zázň.

In: Journal of Discrete Algorithms. - Vol. 1, No. 2 (2003), s. 129-150

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[o1] 2011 Chang, C. L.: Triggering cascades on undirected connected graphs. In: Information Processing Letters, Vol. 111, No. 19, 2011, s. 973-978 - SCI ; SCOPUS

[o1] 2011 Chang, C. L. - Lyuu, Y. D.: Spreading of messages in random graphs. In: Theory of Computing Systems, Vol. 48, No. 2, 2011, s. 389-401 - SCI ; SCOPUS

### **AFA Publikované pozvané príspevky na zahraničných vedeckých konferenciách**

AFA01 Kráľovič, Rastislav 50% - Kráľovič, Richard 50%: Deterministic models of communication faults

Lit. 60 zázň.

In: MFCS 2008: 33rd International Symposium. - Berlin : Springer, 2008. - S. 52-67. - ISBN 978-3-540-85237-7. - (Lecture Notes in Computer Science ; Vol. 5162)

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AFA02 Hromkovič, Juraj - Kráľovič, Rastislav 33% - Kráľovič, Richard 33%: Information complexity of online problems

Recenzované

Lit. 11 zázň.

In: Mathematical Foundations of Computer Science 2010. - Berlin : Springer, 2010. - S. 24-36. - ISBN 3-642-15154-5. - (Lecture Notes in Computer Science ; Vol. 6281)

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### **AFC Publikované príspevky na zahraničných vedeckých konferenciách**

AFC01 Kráľovič, Rastislav - Ružička, Peter - Štefankovič, Daniel : The complexity of shortest path and dilation bounded interval routing

Lit. 17 zázň.

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AFC03 Královič, Rastislav : Time optimal self-stabilizing algorithms

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Lit. 9 zázň.

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- AFC06 Kráľovič, Rastislav - Rován, Branislav - Ružička, Peter : Interval routing on layered cross product of trees and cycles  
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#### **AFD Publikované príspevky na domácich vedeckých konferenciách**

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#### **FAI Redakčné a zostavovateľské práce (bibliografie, encyklopédie, katalógy, slovníky, zborníky...)**

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**Štatistika kategórií (Záznamov spolu: 43):**

- ADC Vedecké práce v zahraničných karentovaných časopisoch (9)
- ADD Vedecké práce v domácich karentovaných časopisoch (1)
- ADE Vedecké práce v zahraničných nekarentovaných časopisoch (1)
- AFA Publikované pozvané príspevky na zahraničných vedeckých konferenciách (2)
- AFC Publikované príspevky na zahraničných vedeckých konferenciách (25)
- AFD Publikované príspevky na domácich vedeckých konferenciách (1)
- FAI Redakčné a zostavovateľské práce (bibliografie, encyklopédie, katalógy, slovníky, zborníky...) (4)

**Štatistika ohlasov (118):**

- [o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (98)
- [o3] Citácie v zahraničných publikáciách neregistrované v citačných indexoch (19)
- [o4] Citácie v domácich publikáciách neregistrované v citačných indexoch (1)

4. 11. 2011