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**Academy of Sciences of the Czech Republic**

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### **Kůrková, Věra**

Dimension-Independent Rates of Approximation by Neural Networks.  
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 [European IEEE Workshop on Computer-Intensive Methods in Control and Signal Processing: Can We Beat the Curse of Dimensionality? /2./. Prague (CR), 28.08.1996-30.08.1996]  
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Learning from Data as an Inverse Problem.  
*Computational Statistics*. Heidelberg : Physica Verlag, 2004 - (Antoch, J.), s. 1377-1384 ISBN 3-7908-1554-3.  
 [COMPSTAT 2004. Symposium /16./. Prague (CZ), 23.08.2004-27.08.2004]  
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### **Kůrková, Věra - Sanguineti, M.**

Error Estimates for Approximate Optimization by the Extended Ritz Method.  
*SIAM Journal on Optimization*. Roč. 15, č. 2 (2005), s. 461-487. ISSN 1052-6234  
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## Rejstřík spoluautorů

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časopis	ISSN	počet článků
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## Bibliografie v číslech

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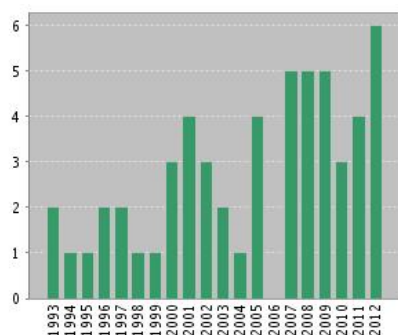


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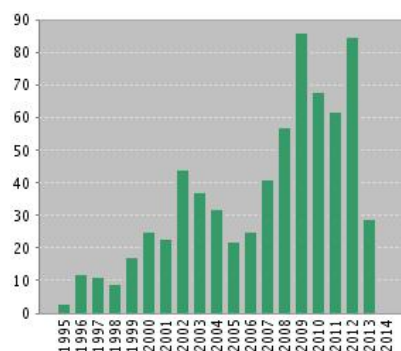
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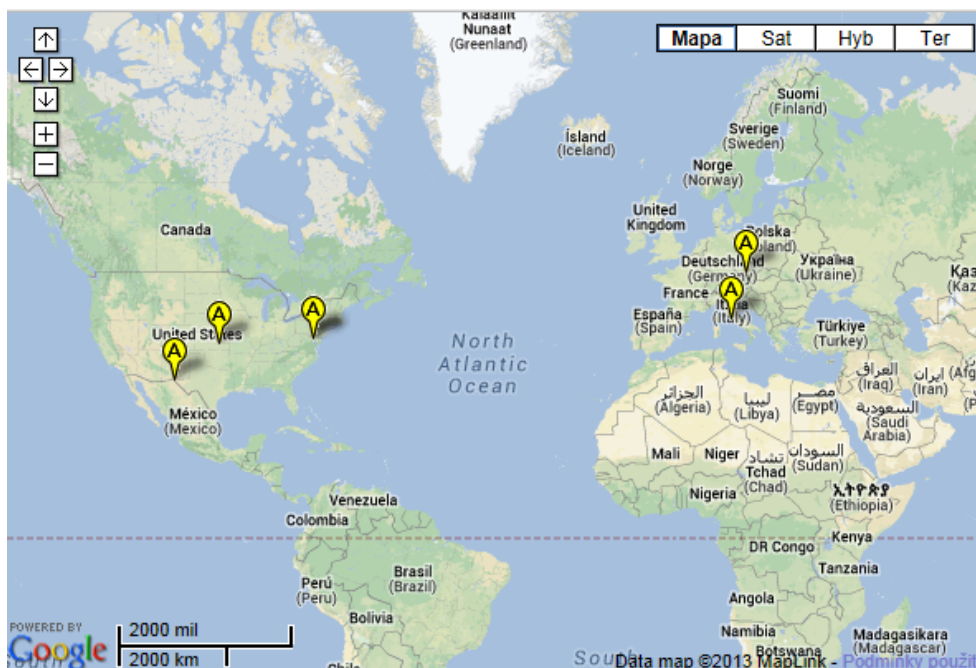
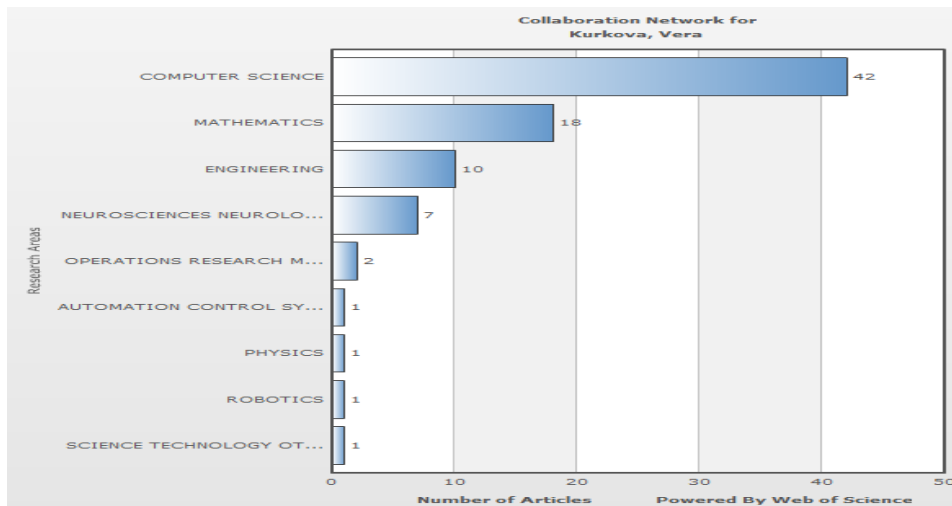
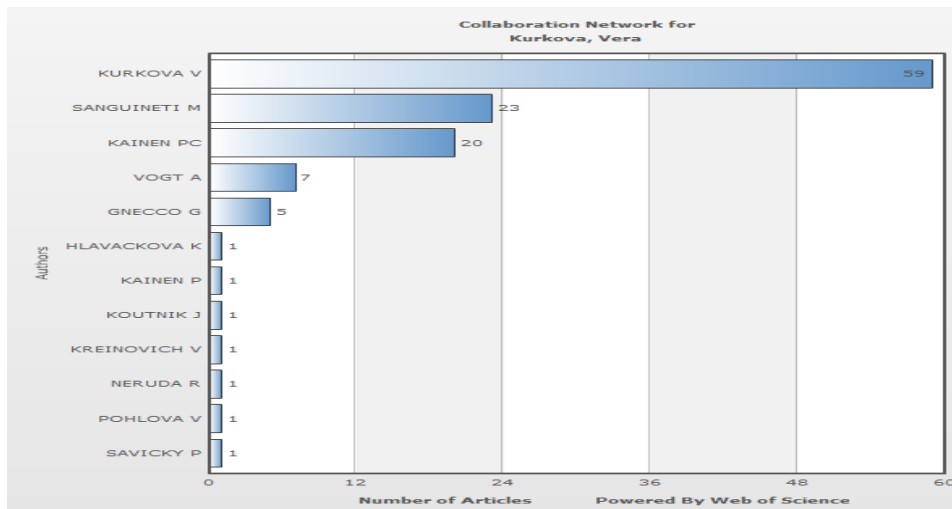


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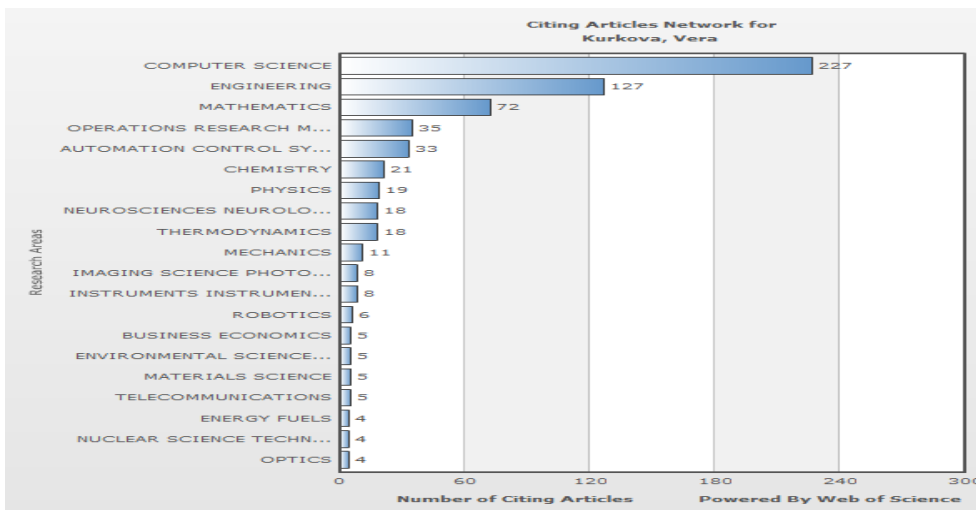
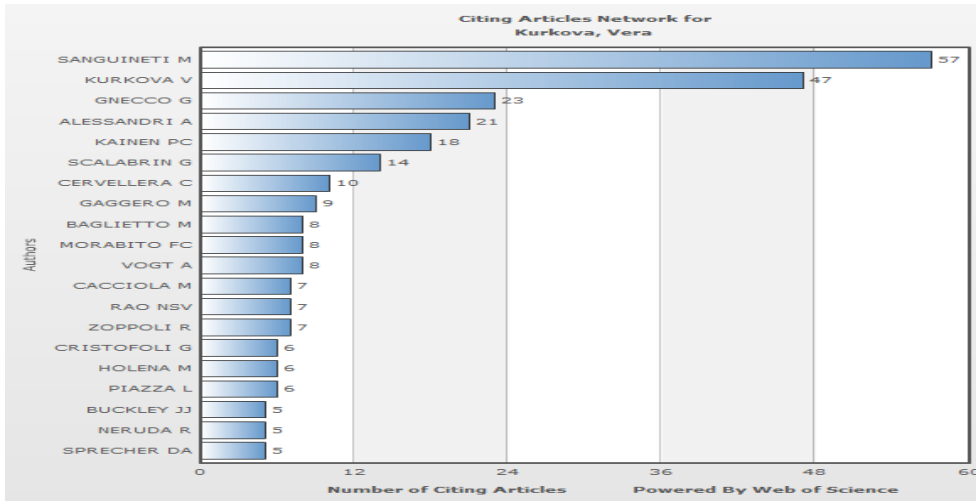
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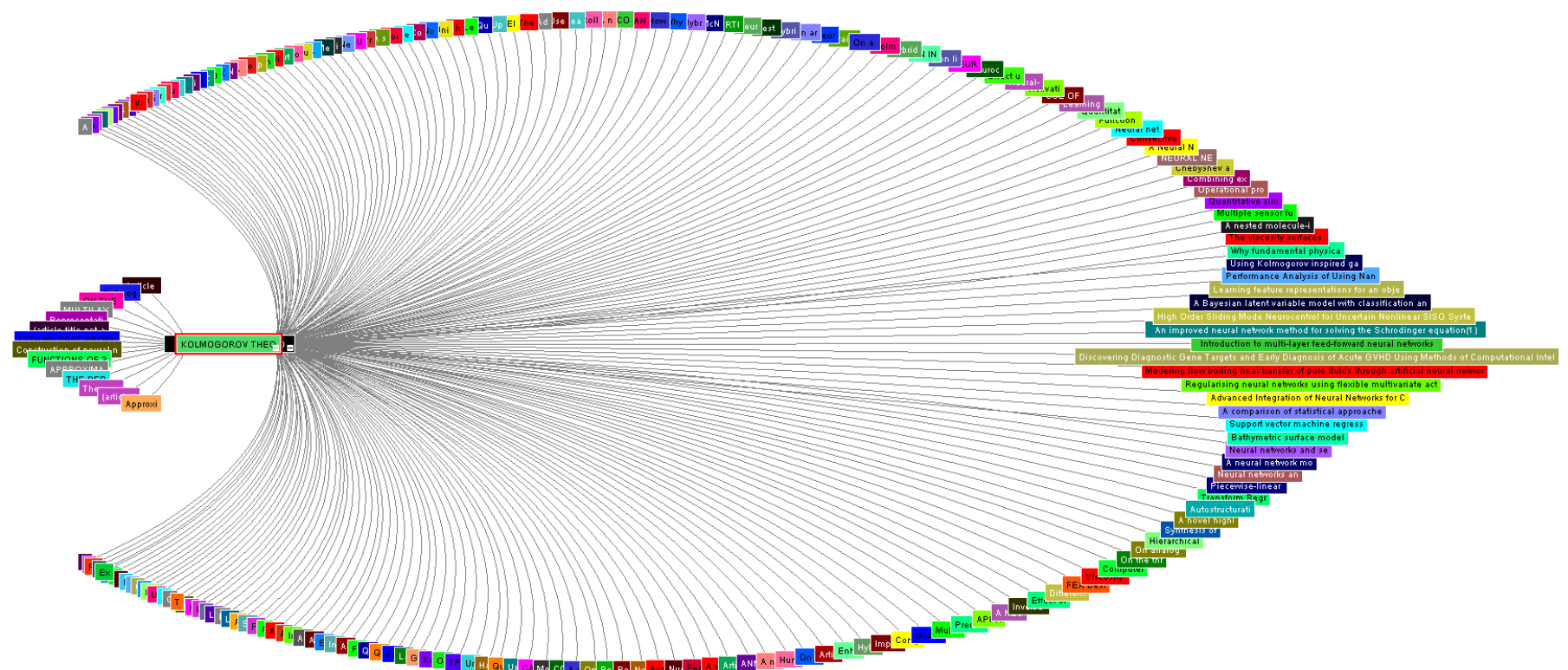
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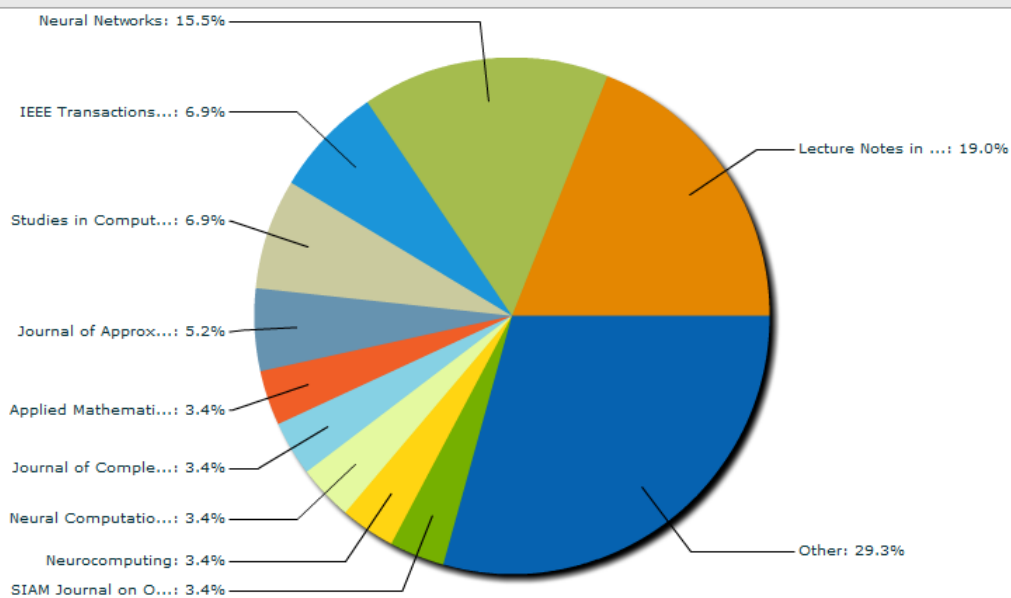
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<input type="checkbox"/> 5	<b>Bounds on rates of variable-basis and neural-network approximation</b>	Kůrková, V., Sanguinetti, M.	2001	<i>IEEE Transactions on Information Theory</i> 47 (6) , pp. 2659-2665	38
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<input type="checkbox"/> 8	<b>Complexity of Gaussian-radial-basis networks approximating smooth functions</b>	Kainen, P.C., Kůrková, V., Sanguinetti, M.	2009	<i>Journal of Complexity</i> 25 (1) , pp. 63-74	27
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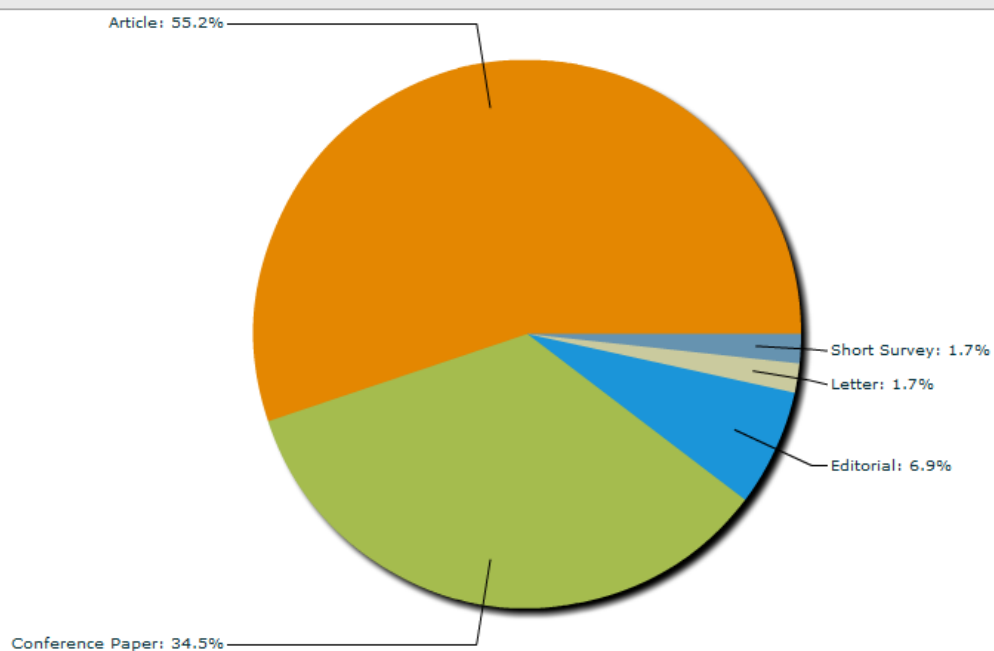
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Kainen, Paul C.	14
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Věra Kůrková	coauthored with	Paul C. Kainen	MR1347278 (96c:51026)
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## 10 nejvíce citovaných prací

Most Cited Publications	
Citations	Publication
25	<b>MR1872179 (2002i:62173)</b> Kůrková, Věra; Sanguineti, Marcello Comparison of worst case errors in linear and neural network approximation. <i>IEEE Trans. Inform. Theory</i> 48 (2002), no. 1, 264–275. 62M45 (68T05 92B20)
17	<b>MR1873958 (2002j:41014)</b> Kůrková, Věra; Sanguineti, Marcello Bounds on rates of variable-basis and neural-network approximation. <i>IEEE Trans. Inform. Theory</i> 47 (2001), no. 6, 2659–2665. 41A30 (62M45 82C32)
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11	<b>MR2138445 (2006c:68153)</b> Kůrková, Věra; Sanguineti, Marcello Learning with generalization capability by kernel methods of bounded complexity. <i>J. Complexity</i> 21 (2005), no. 3, 350–367. (Reviewer: Claudio Gentile) 68T05 (62D05)
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6	<b>MR2085939 (2005e:49052)</b> Kainen, Paul C.; Kůrková, Věra; Sanguineti, Marcello Minimization of error functionals over variable-basis functions. <i>SIAM J. Optim.</i> 14 (2003), no. 3, 732–742 (electronic). (Reviewer: Hans Benker) 49K40 (41A25)
4	<b>MR1775147 (2001f:46023)</b> Kainen, Paul C.; Kůrková, Věra; Vogt, Andrew Geometry and topology of continuous best and near best approximations. <i>J. Approx. Theory</i> 105 (2000), no. 2, 252–262. (Reviewer: S. Cobzaş) 46B20 (41A65)
3	<b>MR2567918 (2010k:41042)</b> Kainen, Paul C.; Kůrková, Věra An integral upper bound for neural network approximation. <i>Neural Comput.</i> 21 (2009), no. 10, 2970–2989. (Reviewer: Costică Mustăţa) 41A65 (41A25 68T05 92B20)

## Kůrková, Věra

**Author-ID:** kurkova.vera

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**Documents indexed:** 34 Publications, including 2 Books

### Co-Authors

all ▾

- 15 Sanguinetti, Marcello
- 12 Kainen, Paul C.
- 5 Vogt, Andrew
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- 2 Kárný, Miroslav

### Journals

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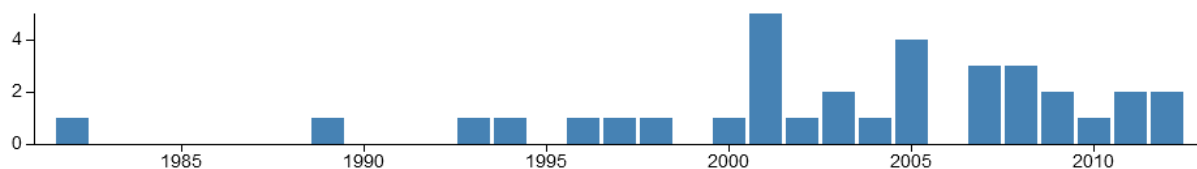
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- 18 Computer science (68-XX)
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### Publication Years



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**Published as:** Kurkova-Pohlova, Vera; Kurkova-Pohlova, V.

**Documents indexed:** 4 Publications

### Co-Authors

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### Journals

- 1 Commentationes Mathematicae Universitatis Carolinae

### Classification

- 3 Category theory, homological algebra (18-XX)
- 3 General topology (54-XX)
- 1 General algebraic systems (08-XX)

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