

Recently Published Papers

- [1] THOMAS ZEUGMANN, *Algorithmisches Lernen von Funktionen und Sprachen*, Habilitationsschrift, Fachbereich Informatik der TH Darmstadt, November 1993.

1. Books

- [1] THOMAS ZEUGMANN, SHIN-ICHI MINATO, AND YOSHIAKI OKUBO, *Theory of Computation*, Corona Publishing Co., LTD, 2009; ISBN: 978-4-339-02438-8

2. Journal Papers

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- [2] THOMAS ZEUGMANN, On the Synthesis of Fastest Programs in Inductive Inference. *Journal of Information Processing and Cybernetics (EIK)* **19**, 1983, 625 – 642.
- [3] THOMAS ZEUGMANN, On the Nonboundability of Total Effective Operators. *Zeitschrift f. Mathematische Logik und Grundlagen der Mathematik (ZML)* **30**, 1984, 169 – 172.
- [4] EFIM B. KINBER AND THOMAS ZEUGMANN, Inductive Inference of Almost Everywhere Correct Programs by Reliably Working Strategies. *Journal of Information Processing and Cybernetics (EIK)* **21**, 1985, 91 – 100.
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- [6] THOMAS ZEUGMANN, Improved Parallel Computations in the Ring Z/p^α . *Journal of Information Processing and Cybernetics (EIK)* **25**, 1989, 543 – 547.
- [7] EFIM B. KINBER AND THOMAS ZEUGMANN, One-Sided Error Probabilistic Inductive Inference and Reliable Frequency Identification. *Information & Computation* Vol. **92**, No. 2, 1991, 253 – 284.
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- [11] ROLF WIEHAGEN AND THOMAS ZEUGMANN, Ignoring Data May be the Only Way to Learn Efficiently, in *Journal of Experimental & Theoretical Artificial Intelligence* **6**, No. 1, 1994, 131 – 144, Special Issue *Algorithmic Learning Theory*.
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- [13] WILLIAM I. GASARCH, EFIM B. KINBER, MARK G. PLESZKOCH, CARL H. SMITH, AND THOMAS ZEUGMANN, Learning via Queries with Teams and Anomalies, *Fundamenta Informaticae* **23**, No. 1, 1995, 67 – 89.
- [14] THOMAS ZEUGMANN, STEFFEN LANGE, AND SHYAM KAPUR, Characterizations of Monotonic and Dual Monotonic Language Learning, *Information & Computation* **120**, No. 2, 1995, 155 – 173.
- [15] STEFFEN LANGE, THOMAS ZEUGMANN, AND SHYAM KAPUR, Monotonic and Dual Monotonic Language Learning, *Theoretical Computer Science* **155**, No. 2, 1996, 365 – 410.
- [16] STEFFEN LANGE AND THOMAS ZEUGMANN, Incremental Learning from Positive Data, *Journal of Computer and System Sciences* **53**, No. 1, 1996, 88 – 103.
- [17] S. LANGE AND T. ZEUGMANN, Set-Driven and Rearrangement-Independent Learning of Recursive Languages, *Mathematical Systems Theory* **29**, No. 6, 1996, 599 – 634.
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3. Book Chapters

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- [3] ROLF WIEHAGEN, CARL H. SMITH, AND THOMAS ZEUGMANN, Classifying recursive predicates and languages, *in* “Algorithmic Learning for Knowledge-Based Systems” (Klaus P. Jantke and Steffen Lange, Eds.), Lecture Notes in Artificial Intelligence 961, pp. 177 – 192, Springer-Verlag 1995.
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4. Refereed Conference Papers

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- [3] THOMAS ZEUGMANN, On Barzdin’s Conjecture, *in* “Proc. International Workshop on Analogical and Inductive Inference–AII’ 86,” (K.P. Jantke, Ed.), Lecture Notes in Computer Science 265, pp. 220 – 227, Springer-Verlag 1987.
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- [10] STEFFEN LANGE AND THOMAS ZEUGMANN, A Unifying Approach to Monotonic Language Learning on Informant, *in* “Proc. 3rd International Workshop on Analogical and Inductive Inference—AII’92,” Dagstuhl, Oktober 1992, K.P. Jantke, (ed.) Lecture Notes in Artificial Intelligence 642, pp. 244 – 259, Springer-Verlag 1992.
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