

# A Bibliography of Publications of Thomas Ulrich Zeugmann

Thomas Ulrich Zeugmann

Associate Professor

Research Institute of Fundamental Information Science

Fukuoka 812

Japan

Tel: ?n/a?

FAX: ?n/a?

E-mail: thomas@rifis.kyushu-u.ac.jp (Internet)

07 April 2025  
Version 1.19

## Abstract

This bibliography records publications of Thomas Ulrich Zeugmann.

**5th** [AJ94, Hau92].

**60th** [CSZZ08]. **6th** [JSZ95a, Pit93].

**7th** [AS96].

'89 [Jan89]. **8th** [LM97, Yao95].

'93 [STA94]. **9th** [RSWZ98a].

**A-posteriori** [Zeu83b]. **ability** [SZ97].

**abstract** [KZ89c]. **ACM**

[FC90, Hau92, Pit93]. **Across** [ZL94, ZL95].

**Active** [FZ14]. **AII** [Jan89]. **AII'92** [Jan92].

**AII'94** [AJ94]. **Akademgorodok** [BBP96].

**Algorithm** [Zeu95, Zeu98]. **Algorithmic** [AJ94, AS96, JMSZ16, JL95, JSZ95a, LM97, RSWZ98a, Zeu97, BZ09, HSVZ13, BDCZ07, BSVZ14, CBRZ06, GTZ10, KSZ14].

**algorithmischen** [Zeu83a].

**Algorithmisches** [Zeu93b, Zeu93a].

**Algorithms** [RZ98a, Zeu89a, Zeu90b,

## Title word cross-reference

& [Zeu92a].  $\delta$  [AZ08].  $k$  [RZ98e, RZ98g].

$Z/p^\alpha$  [Zeu89b].

**-delay** [AZ08]. **-Variable** [RZ98e, RZ98g].

**10th** [EFW93]. **16th** [MT99]. **1st** [DJS90, DJS91].

**24th** [JMSZ16]. **2nd** [BJS93, Vit95, Zeu89a].

**3rd** [FC90].

**4th** [AJ94, HS98].

Zeu92a, Zeu94a, Zeu94b, FZ14, RZ99b]. **almost** [KZ85]. **ALT** [GTZ10, JMSZ16, CBRZ06]. **ALT'94** [AJ94]. **ALT'95** [JSZ95a]. **ALT'96** [AS96]. **ALT'97** [LM97]. **ALT'98** [RSWZ98a]. **Ames** [HS98]. **amount** [FZ11, JSZ12]. **Analogical** [AJ94, Jan87, Jan92, Jan89]. **Analysis** [RZ99a, RZ16, Zeu89a, Zeu94a, Zeu94b, Zeu95, Zeu98, RZ99c]. **Analyzing** [RZ98a, RZ99b]. **Andrei** [BBP96]. **Annual** [BM98, EFW93, FC90, Hau92, Pit93]. **Anomalies** [GKP<sup>+</sup>95, GLZ00, KGZ<sup>+</sup>90]. **Approach** [LZ92d]. **approximations** [LGZ05, SZ99, SZ02]. **Artificial** [Yao95]. **Asking** [ERS<sup>+</sup>97a, ERS<sup>+</sup>97c, ERS<sup>+</sup>01]. **Aspects** [EFW93, MT99]. **August** [CDG89, Rov90]. **Australia** [AS96]. **Australian** [Yao95]. **automata** [FZP13, SZ97]. **Average** [ERS<sup>+</sup>97a, RZ97, RZ98a, RZ98b, RZ99a, RZ00, RZ98e, RZ98f, Zeu94a, Zeu94b, Zeu95, Zeu98, ERS<sup>+</sup>97c, ERS<sup>+</sup>01, RZ98c, RZ98d, RZ99b, RZ99c, RZ98g]. **Average-Case** [RZ98a, RZ99a, RZ00, Zeu94a, Zeu94b, Zeu95, Zeu98, RZ99b, RZ99c]. **Baase** [Zeu89a]. **Banská** [Rov90]. **Barcelona** [Vit95]. **Barzdin** [Zeu87]. **Based** [JL95]. **be** [WZ92, WZ94a, WZ95b, Zeu03]. **Behavior** [RZ98a, RZ99b]. **birthday** [CSZZ08]. **Boundaries** [ZL94, ZL95]. **Bounded** [CJLZ97, CJLZ99, LZ93e, LZ93c, GJSZ18, LZ92a, LZ93f]. **Bystrica** [Rov90]. **California** [Pit93]. **Can** [WZ95b, Zeu03, WZ92]. **Carlo** [KZ89b]. **Case** [RZ98a, RZ99a, RZ00, Zeu94a, Zeu94b, Zeu95, Zeu98, RZ99b, RZ99c]. **Castle** [AJ94, Jan89]. **Changes** [LZ93e, LZ93c, LZ95c, BZ05, LZ92a, LZ93f, LZ95e]. **Characterization** [LZ92c, LZ94a]. **Characterizations** [Zeu83b, ZLK92, ZLK95]. **Class** [LZK92, ZLK92, JZ10a]. **classes** [JZ12, SZ02, Zeu84a]. **Classification** [WSZ94]. **Classifying** [SWZ97, WSWZ93, WSZ95]. **Clustering** [IZZ10]. **Co** [FZ95, FZ96]. **Co-Learning** [FZ95]. **coherent** [AZ08]. **Colloquium** [HS98]. **COLT** [Zeu94c]. **COLT'90** [FC90]. **comparators** [GJSZ18]. **Complete** [RZ99a, RZ99c]. **complexity** [FZP13, Zeu18]. **compression** [IZZ10]. **Computation** [RZ16, CDG89]. **Computational** [BM98, FC90, Hau92, Pit93, STA94, Vit95]. **Computations** [Zeu92b, Zeu89b]. **Computer** [EFW93, MT99, Rov90, Zeu89a]. **Computing** [Zeu90c]. **Concept** [CJLZ97, CJLZ99]. **concepts** [GLZ00, LGZ05]. **Conference** [BM98, BBP96, CDG89, JMSZ16, Pit93, RSWZ98a, Vit95, Yao95]. **conjecture** [Zeu87]. **Conjunctive** [RZ98a, RZ99b]. **Consistency** [WZ94b, WZ95a]. **Consistent** [AZ08]. **Constraints** [LZ94a]. **correct** [KZ85]. **Cruz** [Pit93]. **Czechoslovakia** [Rov90]. **Data** [CJLZ97, CJLZ99, FZ95, FZ96, LZ95a, LZ96b, RZ98e, RZ98f, TZ95a, WZ94a, IZZ10, JSZ12, LZZ08, RZ98g, TZ95b]. **December** [DJS91]. **dedicated** [JMSZ16, CSZZ08]. **delay** [AZ08]. **Demands** [LZ95c, LZ95e, LZ95d]. **Dependence** [LZ93b, LZ93a]. **Design** [Zeu89a]. **deterministic** [FZP13, SZ97]. **developments** [BZ09]. **Dezember** [BJS93]. **distance** [IZZ10]. **done** [Zeu03]. **Driven** [LZ94b, LZ96a]. **Dual** [ZLK92, LZK92, LZK96, ZLK95]. **ed** [Zeu89a]. **Editor** [JSZ95b, RSWZ98b, Zeu97, BSVZ14, GTZ10, KSZ14, Zeu18]. **Editors'** [ACZ16, JMSZ16, HSVZ13]. **effective** [Zeu84b]. **efficiency** [LZ95d]. **Efficient** [ERS<sup>+</sup>96, WZ95b]. **Efficiently**

[ERS<sup>+</sup>97a, RZ98e, RZ98f, WZ94a, ERS<sup>+</sup>97c, ERS<sup>+</sup>97b, ERS<sup>+</sup>01, RZ98g, WZ92, Zeu03].

**Eleventh** [BM98]. **Erasing** [LWZ96a, LWZ96b, JKL<sup>+</sup>00, LWZ96c].

**Error** [KZ91]. **Ershov** [BBP96]. **Eurocolt** [STA94]. **EuroColt'95** [Vit95]. **European** [Vit95]. **everywhere** [KZ85]. **Examples** [ERS<sup>+</sup>96]. **expressible** [JZ09, JZ10b]. **extended** [KZ89c].

**Factors** [Zeu92b]. **families** [LZZ08]. **Fast** [Zeu81, Zeu90c]. **Fastest** [Zeu82, Zeu83d, Zeu83c, Zeu84a]. **FCT'89** [CDG89]. **February** [EFW93]. **feedback** [BZ06a, BZ11]. **final** [JL95]. **Finite** [RZ98e, RZ98f, Zeu82, RZ98g, SZ97, Zeu83c, Zeu06a]. **first** [JZ08, JZ10b, JZ12]. **first-order** [JZ08, JZ10b, JZ12]. **Foreword** [BDCZ07, CSZZ08, CBRZ06, Zeu18, ACZ16, BSVZ14, GTZ10, HSVZ13, JMSZ16]. **formal** [JSZ12]. **formulae** [JZ12]. **Forty** [CSZZ08]. **foundations** [Rov90]. **four** [JZ10b]. **Freivalds** [Zeu16]. **Frequency** [KZ89b, KZ91, FZP13]. **Fukuoka** [JSZ95a]. **Functions** [Zeu83b, FZ11, FZ14, JKL<sup>+</sup>00, JKZW01, JKZW03, SZ99, SZ02, Zeu84a, ZZ08]. **Fundamentals** [CDG89]. **Funktionen** [Zeu93a, Zeu93b].

**GDR** [Jan89]. **generation** [Zeu84a]. **Germany** [AJ94, BJS93, DJS90, DJS91, EFW93, MT99, RSWZ98a]. **GOSLER** [JL95]. **Grammatical** [HS98]. **Guest** [BSVZ14, GTZ10, HSVZ13, KSZ14, Zeu97, ACZ16, JMSZ16, Zeu18]. **Guided** [ZL94, ZL95].

**Having** [Zeu92b, Zeu84a]. **help** [GJSZ18]. **Highly** [Zeu92b]. **Hungary** [CDG89]. **hypotheses** [LZ93a]. **Hypothesis** [LZ93b].

**ICGI'98** [HS98]. **Identification** [KZ89b, KZ91, Zeu82, Zeu83c]. **Ignoring** [WZ94a]. **Impact** [LZ93d]. **Improved** [Zeu89b]. **Incremental** [CJLZ97, CJLZ99, LZ95a, LZ95b, LZ96b]. **Independence** [LZ93d]. **Independent** [LZ94b, LZ96a]. **indexed** [LZZ08]. **Indistinguishability** [JZ08]. **Inductive** [AJ94, BJS93, DJS90, Jan92, KZ85, KZ91, LGZ05, TZ95a, Zeu81, Zeu83b, Zeu83d, Zeu90a, Zeu91, Zeu06b, CSZZ08, DJS91, GJSZ18, Jan87, Jan89, TZ95b]. **Inference** [AJ94, HS98, Jan92, KZ89b, KZ91, KZ89a, TZ95a, Zeu81, Zeu83b, Zeu83d, Zeu90a, CSZZ08, GJSZ18, Jan87, Jan89, KZ85, KZ89c, LGZ05, TZ95b, Zeu91, Zeu06b]. **influence** [KKFZ14]. **influenza** [IZZ10]. **Informant** [LZ92d, LZ94a]. **Informatics** [BBP96]. **Information** [WZ95b, WZ92]. **Intelligence** [Yao95]. **Internat** [AJ94, Jan92]. **International** [AS96, BBP96, BJS93, CDG89, DJS90, HS98, JMSZ16, Jan89, JSZ95a, LM97, MT99, RSWZ98a, DJS91]. **Introduction** [JSZ95b, RSWZ98b, Zeu89a, KSZ14]. **Iowa** [HS98]. **Issue** [Zeu97, HSVZ13, JMSZ16, Zeu18].

**Japan** [JSZ95a, LM97]. **Joint** [Yao95]. **June** [BBP96].

**k-Variable** [RZ98f]. **Karlsruhe** [DJS90, DJS91]. **Knowledge** [JL95]. **Knowledge-Based** [JL95].

**Lange** [Zeu95, Zeu98]. **Language** [LZ92b, LZ92c, LZ92d, LZ93e, LZ93a, LZ94a, RZ00, ZLK92, Zeu94a, Zeu94b, Zeu95, Zeu98, LZK92, LZ93g, LZK96, ZLK95, Zeu06b]. **Languages** [ERS<sup>+</sup>96, ERS<sup>+</sup>97a, FZ95, FZ96, LZ93d, LZ93c, LZ93b, LZ94b, RZ97, RZ98b, RZ98e, RZ98f, SWZ97, TZ95a, WSZ93, WSZ94, ZL94, ZL95, ERS<sup>+</sup>97c, ERS<sup>+</sup>97b, ERS<sup>+</sup>01, JKL<sup>+</sup>00, JSZ12, LZ92a, LZ93f, LZ96a, LZZ08, RZ98c, RZ98d, RZ98g, TZ95b, WSZ95].

**Large** [Zeu90c]. **Learn** [WZ94a].  
**Learnability** [LZ93d, LZ93b, GJSZ18, SZ99]. **Learner** [RZ00]. **learners** [BZ05, BZ06a, BZ06b, BZ11]. **Learning** [AJ94, AS96, BM98, CJLZ97, CJLZ99, CJR<sup>+03</sup>, CJR<sup>+06</sup>, ERS<sup>+96</sup>, ERS<sup>+97c</sup>, ERS<sup>+97b</sup>, ERS<sup>+97a</sup>, ERS<sup>+01</sup>, FZ95, FZ96, FC90, GKP<sup>+95</sup>, GLZ00, GTZ10, Hau92, JKL<sup>+00</sup>, JKZW01, JMSZ16, JL95, JSZ95a, KGZ<sup>+90</sup>, LZ92a, LZ92b, LZ92c, LZ92d, LZ93e, LZ93f, LZ93c, LZ94a, LZ94b, LZ95a, LZ95b, LZ96b, LWZ96a, LWZ96b, LWZ96c, LZZ08, LM97, Pit93, RZ97, RZ98a, RZ98c, RZ98d, RZ98b, RZ99a, RSWZ98a, RZ98e, RZ98g, RZ98f, STA94, SZ02, Vit95, WZ94b, WZ95a, WZ95b, ZLK92, Zeu94a, Zeu94b, ZL94, ZL95, Zeu95, Zeu97, Zeu98, ZZ08, AZ08, BDCZ07, BSVZ14, CBRZ06, FZ11, FZ14, HSVZ13, JKZW03, JSZ12, KSZ14, KKFZ14, LZK92, LZ93a, LZ93g, LZK96, LZ96a, RZ99b, RZ99c, SZ97, WZ92, ZLK95, Zeu03, Zeu06b, Zeu06a, Zeu18]. **Lernen** [Zeu93a, Zeu93b]. **limit** [Zeu03, Zeu06a]. **Linear** [RZ97, RZ98b, RZ98c, RZ98d]. **Logic** [BJS93, DJS90, DJS91, JZ08].

**Mārtins** [Zeu16]. **Madison** [BM98]. **March** [Vit95]. **Mathematical** [RZ16, Rov90]. **Mathematics** [RZ16]. **may** [WZ94a]. **Memorial** [BBP96]. **memory** [SZ97]. **memoryless** [BZ06a]. **Mind** [LZ93e, LZ93c, LZ95c, BZ05, LZ92a, LZ93f, LZ95e]. **Mining** [CJLZ97, CJLZ99]. **Modeling** [LZ95a]. **modulo** [Zeu92b]. **Monomials** [RZ99a, RZ99c]. **Monotonic** [LZ92b, LZ92c, LZ92d, LZ93g, LZK96, ZLK92, LZK92, ZLK95]. **Monotonicity** [LZ94a, LZ95c, LZ95e, LZ95d]. **Monte** [KZ89b]. **Monte-Carlo** [KZ89b]. **Much** [WZ95b, WZ92].

**Nearly** [Zeu92a]. **non** [SZ99, SZ02]. **non-recursive** [SZ99, SZ02].

**Nonboundability** [Zeu84b]. **nonconstructivity** [FZ11, JSZ12]. **Nonmonotonic** [BJS93, DJS90, DJS91, LZ93g]. **normalized** [IZZ10]. **note** [JZ10a]. **Novosibirsk** [BBP96]. **Number** [LZ93e, LZ93c, Zeu92b]. **Obituary** [Zeu16]. **October** [AJ94, Jan89]. **One** [ERS<sup>+96</sup>, ERS<sup>+97a</sup>, KZ91, RZ97, RZ98b, RZ00, ERS<sup>+97c</sup>, ERS<sup>+97b</sup>, ERS<sup>+01</sup>, JZ09, RZ98c, RZ98d]. **One-Sided** [KZ91]. **One-Variable** [ERS<sup>+96</sup>, ERS<sup>+97a</sup>, RZ97, RZ98b, RZ00, ERS<sup>+97c</sup>, ERS<sup>+97b</sup>, ERS<sup>+01</sup>, RZ98c, RZ98d]. **only** [WZ94a, Zeu92b]. **Open** [Zeu90a, Zeu91]. **operators** [Zeu84b, Zeu84a]. **Optimal** [RZ00, Zeu90a, Zeu92a, Zeu91]. **Optimizers** [Zeu88]. **Order** [LZ93d, JZ08, JZ10b, JZ12]. **Otzenhausen** [RSWZ98a]. **Parallel** [ERS<sup>+97a</sup>, Zeu90c, Zeu90b, Zeu92b, ERS<sup>+97c</sup>, ERS<sup>+01</sup>, Zeu89b]. **Pattern** [ERS<sup>+96</sup>, ERS<sup>+97a</sup>, RZ97, RZ98b, RZ00, RZ98e, RZ98f, Zeu94a, Zeu94b, Zeu95, Zeu98, ERS<sup>+97c</sup>, ERS<sup>+97b</sup>, ERS<sup>+01</sup>, RZ98c, RZ98d, RZ98g]. **patterns** [CJR<sup>+03</sup>, CJR<sup>+06</sup>]. **Pennsylvania** [Hau92]. **Perspectives** [BBP96]. **Pittsburgh** [Hau92]. **Polynomial** [Zeu90c, CJR<sup>+03</sup>, CJR<sup>+06</sup>]. **Positive** [ERS<sup>+96</sup>, FZ95, FZ96, LZ95a, LZ96b, RZ98e, RZ98f, TZ95a, JSZ12, LZZ08, RZ98g, TZ95b]. **posteriori** [Zeu83b]. **Power** [LZ92b, Zeu88]. **Powers** [Zeu90c]. **Predicates** [SWZ97, WSZ93, WSZ94, WSZ95]. **Preface** [JMSZ16, Zeu18]. **Preserving** [ZLK92, LZK92]. **Prime** [Zeu92b]. **Probabilistic** [KZ91]. **Problems** [Zeu90a, Zeu91]. **Proc** [BM98, FC90, Hau92, Pit93]. **proceedings** [CDG89, DJS91, EFW93, Jan87, Jan89, Rov90]. **processes** [KKFZ14]. **program** [Zeu84a]. **Programmen** [Zeu83a]. **Programs** [Zeu81, Zeu82, Zeu83d, Zeu90a,

KZ85, Zeu83c, Zeu91]. **properties** [JZ09, JZ10b].  
**quantifier** [JZ09]. **quantifiers** [JZ10b].  
**Queries** [ERS<sup>+</sup>97a, GKP<sup>+</sup>95, ERS<sup>+</sup>97c, ERS<sup>+</sup>01, KGZ<sup>+</sup>90]. **Query** [KZ89a, KZ89c].  
**Rūsins** [Zeu16]. **Ramsey** [JZ10a].  
**randomized** [BZ06a, BZ06b, BZ11].  
**Rearrangement** [LZ94b, LZ96a].  
**Rearrangement-Independent** [LZ94b, LZ96a]. **Recursive** [FZ95, FZ96, LZ93d, LZ93c, LZ93b, LZ94b, WSZ93, Zeu83b, Zeu84a, Zeu88, ZL94, ZL95, FZ11, FZ14, GLZ00, JKZW01, LZ92a, LZ93f, LZ96a, LGZ05, LZZ08, SZ99, SZ02, WSZ95, ZZ08]. **Refined** [KZ89c, KZ89a, LZ95b].  
**refutably** [JKZW01, JKZW03]. **regular** [CJR<sup>+</sup>03, CJR<sup>+</sup>06]. **Reingold** [Zeu92a].  
**Reinhardtsbrunn** [AJ94, BJS93, Jan89].  
**Relational** [JZ09]. **Relations** [KZ89b].  
**Reliable** [KZ89b, KZ91]. **reliably** [KZ85].  
**Report** [Zeu94c, JL95]. **respect** [Zeu84a, Zeu95, Zeu98]. **restricted** [BZ05].  
**Review** [Zeu89a, Zeu92a]. **Rietz** [Jan87].  
**ring** [Zeu89b]. **Rolf** [CSZZ08]. **Russia** [BBP96].

**Santa** [Pit93]. **schnellen** [Zeu83a]. **Science** [EFW93, MT99, Rov90]. **Searching** [Zeu92a]. **Second** [BBP96]. **Sendai** [LM97].  
**Set** [LZ94b, LZ96a]. **Set-Driven** [LZ94b, LZ96a]. **Shen** [Zeu92a]. **shot** [GJSZ18]. **Sided** [KZ91]. **size** [FZP13].  
**Small** [Zeu92b]. **Space** [LZ93b, LZ93a].  
**Spain** [Vit95]. **Special** [Zeu97, JMSZ16, Zeu18, HSVZ13].  
**Sprachen** [Zeu93a, Zeu93b]. **STACS** [EFW93]. **STACS'99** [MT99].  
**standardisers** [GJSZ18]. **stochastic** [Zeu06a]. **Stochastically** [RZ98e, RZ98f, RZ98g]. **strategies** [KZ85].  
**subclass** [CJR<sup>+</sup>03, CJR<sup>+</sup>06]. **Survey** [Zeu90a, LZZ08, Zeu91, ZZ08]. **Sydney**

[AS96]. **Symposium** [EFW93, MT99].  
**Synthese** [Zeu83a]. **Synthesis** [Zeu83d].  
**System** [BBP96]. **Systems** [JL95]. **Szeged** [CDG89].

**Teaching** [BZ05, BZ06a, BZ06b, BZ11, BZ09]. **Teams** [GKP<sup>+</sup>95, KGZ<sup>+</sup>90]. **technology** [KKFZ14].  
**testability** [JZ10a]. **Testable** [JZ12, JZ09].  
**their** [LZ92c]. **Theoretical** [EFW93, MT99]. **Theory** [AJ94, AS96, BM98, FC90, GTZ10, Hau92, JMSZ16, JSZ95a, LM97, Pit93, RSWZ98a, STA94, Vit95, Zeu97, BDCZ07, BSVZ14, CBRZ06, CDG89, HSVZ13, KSZ14, Zeu18].  
**Tight** [RZ99a, RZ99c]. **Time** [RZ97, RZ98b, Zeu95, Zeu98, CJR<sup>+</sup>03, CJR<sup>+</sup>06, RZ98c, RZ98d]. **Too** [WZ92, WZ95b]. **Total** [Zeu95, Zeu98, Zeu84b]. **Tour** [ZL94, ZL95].  
**Trading** [LZ95e, LZ95c, LZ95d]. **Trier** [MT99]. **Two** [TZ95a, TZ95b]. **Types** [LZ92c].

**ultrametric** [FZ14]. **Unbounded** [Zeu92a].  
**uniform** [SZ99]. **Unifying** [LZ92d].  
**universal** [JZ09]. **Untestable** [JZ10b, JZ12]. **USA** [BM98, HS98, Pit93].

**Variable** [ERS<sup>+</sup>96, ERS<sup>+</sup>97a, RZ97, RZ98b, RZ00, RZ98e, RZ98f, ERS<sup>+</sup>97c, ERS<sup>+</sup>97b, ERS<sup>+</sup>01, RZ98c, RZ98d, RZ98g].  
**Variations** [TZ95a, TZ95b]. **various** [LZ94a]. **verifiers** [GJSZ18]. **versus** [LZ93g, LZ95e, LZ95c, LZ95d, Zeu84a].  
**Very** [ERS<sup>+</sup>97a, Zeu90c, ERS<sup>+</sup>97c, ERS<sup>+</sup>97b, ERS<sup>+</sup>01]. **Via** [GKP<sup>+</sup>95, KGZ<sup>+</sup>90]. **virus** [IZZ10].

**Way** [WZ94a]. **Wendisch** [Jan87].  
**Wendisch-Rietz** [Jan87]. **Wiehagen** [CSZZ08, Zeu95, Zeu98]. **Wisconsin** [BM98]. **without** [BZ06a]. **working** [KZ85].  
**Workshop**

[AJ94, AS96, BJS93, DJS90, FC90, Hau92, Jan89, Jan92, JSZ95a, LM97, DJS91].  
Würzburg [EFW93].

years [CSZZ08].

Zur [Zeu83a].

## References

**Auer:2016:GEF**

[ACZ16] Peter Auer, Alexander Clark, and Thomas Zeugmann. Guest Editors' foreword. *Theoretical Computer Science*, 650(??):1–3, October 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303723>.

**Arikawa:1994:ALT**

[AJ94] S. Arikawa and K. P. Jantke, editors. *Algorithmic Learning Theory, 4th Internat. Workshop on Analogical and Inductive Inference, AII'94, 5th Internat. Workshop on Algorithmic Learning Theory, ALT'94, Reinhardtsbrunn Castle, Germany, October 1994*, volume 872 of *Lecture Notes in Artificial Intelligence*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, October 1994.

**Arikawa:1996:ALT**

[AS96] S. Arikawa and A. Sharma, editors. *Algorithmic Learning Theory, 7th International Workshop, ALT'96, Sydney, Australia*, volume 1160 of *Lecture Notes in*

[AZ08]

*Artificial Intelligence*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, October 1996.

**Akama:2008:CCL**

Yohji Akama and Thomas Zeugmann. Consistent and coherent learning with  $\delta$ -delay. *Inform. Comput.*, 206(11):1362–1374, 2008. CODEN INFCEC. ISSN 0890-5401 (print), 1090-2651 (electronic).

**Bjørner:1996:PSI**

D. Bjørner, M. Broy, and I. V. Pottosin, editors. *Perspectives of System Informatics, Second International Andrei Ershov Memorial Conference, Akademgorodok, Novosibirsk, Russia, June 1996*, volume 1181 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, October 1996.

**Ben-David:2007:FAL**

Shai Ben-David, John Case, and Thomas Zeugmann. Foreword [Algorithmic learning theory]. *Theoretical Computer Science*, 382(3):167–169, 2007. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

**Brewka:1993:NIL**

G. Brewka, K. P. Jantke, and P. H. Schmitt, editors. *Non-monotonic and Inductive Logic, 2nd International Workshop, Reinhardtsbrunn, Dezember 1991, Germany*, volume 659 of *Lecture Notes in Artificial Intelligence*.

- Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1993.
- Bartlett:1998:CPA**
- [BM98] P. Bartlett and Y. Mansour, editors. *Proc. of the Eleventh Annual Conference on Computational Learning Theory, Madison, Wisconsin, USA*. ACM Press, New York, NY 10036, USA, 1998.
- Bshouty:2014:GEF**
- [BSVZ14] Nader H. Bshouty, Gilles Stoltz, Nicolas Vayatis, and Thomas Zeugmann. Guest editors' foreword [Algorithmic learning theory]. *Theoretical Computer Science*, 558:1–4, 2014. CODEN TCS-CDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Balbach:2005:TLR**
- [BZ05] Frank J. Balbach and Thomas Zeugmann. Teaching learners with restricted mind changes. In *Algorithmic learning theory*, volume 3734 of *Lecture Notes in Comput. Sci.*, pages 474–489. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2005.
- Balbach:2006:TMR**
- [BZ06a] Frank J. Balbach and Thomas Zeugmann. Teaching memoryless randomized learners without feedback. In *Algorithmic learning theory*, volume 4264 of *Lecture Notes in Comput. Sci.*, pages 93–108. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2006.
- [BZ06b]
- Balbach:2006:TRL**
- Frank J. Balbach and Thomas Zeugmann. Teaching randomized learners. In *Learning theory*, volume 4005 of *Lecture Notes in Comput. Sci.*, pages 229–243. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2006.
- Balbach:2009:RDA**
- [BZ09] Frank J. Balbach and Thomas Zeugmann. Recent developments in algorithmic teaching. In *Language and automata theory and applications*, volume 5457 of *Lecture Notes in Comput. Sci.*, pages 1–18. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2009.
- Balbach:2011:TRL**
- [BZ11] Frank J. Balbach and Thomas Zeugmann. Teaching randomized learners with feedback. *Inform. Comput.*, 209(3):296–319, 2011. CODEN INFCEC. ISSN 0890-5401 (print), 1090-2651 (electronic).
- Cesa-Bianchi:2006:FAL**
- [CBRZ06] Nicolò Cesa-Bianchi, Rüdiger Reischuk, and Thomas Zeugmann. Foreword [Algorithmic learning theory (ALT 2002)]. *Theoretical Computer Science*, 350(1):1–2, 2006. CODEN TCS-CDI. ISSN 0304-3975 (print), 1879-2294 (electronic). Held in Lübeck, November 24–26, 2002.

- Csirik:1989:FCT**
- [CDG89] J. Csirik, Janos Demetrovics, and F. Gecseg, editors. *Fundamentals of computation theory: International Conference, FCT'89, Szeged, Hungary, August 21–25, 1989: proceedings*, volume 380 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1989. ISBN 0-387-51498-8 (West Germany). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA75.5 I5731 1989. DM69.00.
- Case:1997:ICL**
- [CJLZ97] J. Case, S. Jain, S. Lange, and T. Zeugmann. Incremental concept learning for bounded data mining. Technical Report DOI-TR-136, Department of Informatics, Kyushu University, Kyushu, Japan, 1997.
- Case:1999:ICL**
- [CJLZ99] John Case, Sanjay Jain, Steffen Lange, and Thomas Zeugmann. Incremental concept learning for bounded data mining. *Inform. Comput.*, 152(1):74–110, 1999. CODEN INFCEC. ISSN 0890-5401 (print), 1090-2651 (electronic). To appear.
- Case:2003:LSR**
- [CJR<sup>+</sup>03] John Case, Sanjay Jain, Rüdiger Reischuk, Frank Stephan, and Thomas Zeugmann. Learning a subclass of regular patterns in polynomial time. In *Algorithmic learning theory*, volume 2842 of *Lecture Notes in Comput. Sci.*,
- Dix:1990:Nil**
- [CSZZ08] John Case, Takeshi Shinohara, Thomas Zeugmann, and Sandra Zilles. Foreword [Forty years of inductive inference. Dedicated to the 60th birthday of Rolf Wiehagen]. *Theoretical Computer Science*, 397(1-3):1–3, 2008. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Dix:1991:Nil**
- [DJS90] J. Dix, K. P. Jantke, and P. H. Schmitt, editors. *Nonmonotonic and Inductive Logic, 1st International Workshop, Karlsruhe, Germany*, volume 543 of *Lecture Notes in Artificial Intelligence*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1990.
- Case:2006:LSR**
- [DJS91] J. Dix, K. P. Jantke, and P. H. Schmitt, editors. *Nonmonotonic and inductive logic: 1st international workshop, Karlsruhe, Germany, December 4–7, 1990, proceedings*, volume 543 of *Lecture*
- pages 234–246. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2003.

- Notes in Computer Science and Lecture Notes in Artificial Intelligence.* Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1991. ISBN 3-540-54564-6, 0-387-54564-6. ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.63 .N66 1991. Proceedings of the First International Workshop on Nonmonotonic and Inductive Inference.
- Enjalbert:1993:SAS**
- [EFW93] P. Enjalbert, A. Finkel, and K. W. Wagner, editors. *STACS 93: 10th Annual Symposium on Theoretical Aspects of Computer Science, Würzburg, Germany, February 25–27, 1993: proceedings*, volume 665 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1993. ISBN 0-387-56503-5 (U.S.). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA267.A1 L43 no.665.
- Erlebach:1996:ELO**
- [ERS<sup>+</sup>96] T. Erlebach, P. Rossmanith, H. Stadtherr, A. Steger, and T. Zeugmann. Efficient learning of one-variable pattern languages from positive examples. Technical Report DOI-TR-128, Department of Informatics, Kyushu University, Kyushu, Japan, 1996.
- Erlebach:1997:OP**
- [ERS<sup>+</sup>97a] T. Erlebach, P. Rossmanith, H. Stadtherr, A. Steger, and T. Zeugmann. Learning one-variable pattern languages very efficiently on average, in parallel, and by asking queries. In Li and Maruoka [LM97], pages 260–276.
- Erlebach:1997:LOVb**
- [ERS<sup>+</sup>97b] Thomas Erlebach, Peter Rossmanith, Hans Stadtherr, Angelika Steger, and Thomas Zeugmann. Learning one-variable pattern languages very efficiently. *Sūrikaisekikenkyūsho Kōkyūroku*, (992):47–57, 1997. The theory of computing and its applications (Japanese) (Kyoto, 1997).
- Erlebach:1997:LOV**
- [ERS<sup>+</sup>97c] Thomas Erlebach, Peter Rossmanith, Hans Stadtherr, Angelika Steger, and Thomas Zeugmann. Learning one-variable pattern languages very efficiently on average, in parallel, and by asking queries. In *Algorithmic learning theory (Sendai, 1997)*, volume 1316 of *Lecture Notes in Comput. Sci.*, pages 260–276. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997.
- Erlebach:2001:LOV**
- [ERS<sup>+</sup>01] Thomas Erlebach, Peter Rossmanith, Hans Stadtherr, Angelika Steger, and Thomas Zeugmann. Learning one-variable pattern languages very efficiently on average, in parallel, and by asking queries. *Theoretical Computer Science*, 261(1):119–156, 2001. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). Algorithmic learning theory (Sendai, 1997).

- Fulk:1990:CPA**
- [FC90] M. Fulk and J. Case, editors. *COLT'90, Proc. of the 3rd Annual ACM Workshop on Computational Learning Theory*. Morgan Kaufmann, San Mateo, 1990.
- Freivalds:1995:CLR**
- [FZ95] R. Freivalds and T. Zeugmann. Co-learning of recursive languages from positive data. Technical Report RIFIS-TR-CS-110, RIFIS, Kyushu University 33, Kyushu, Japan, 1995.
- Freivalds:1996:CLR**
- [FZ96] R. Freivalds and T. Zeugmann. Co-learning of recursive languages from positive data. In Bjørner et al. [BBP96], pages 122–133.
- Freivalds:2011:ANL**
- [FZ11] Rūsiņš Freivalds and Thomas Zeugmann. On the amount of nonconstructivity in learning recursive functions. In *Theory and applications of models of computation*, volume 6648 of *Lecture Notes in Comput. Sci.*, pages 332–343. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2011.
- Freivalds:2014:ALR**
- [FZ14] Rūsiņš Freivalds and Thomas Zeugmann. Active learning of recursive functions by ultrametric algorithms. In *SOFSEM 2014: theory and practice of computer science*, volume 8327 of *Lecture Notes in Comput. Sci.*, pages 246–257. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2014.
- Freivalds:2013:SCD**
- [FZP13] Rūsiņš Freivalds, Thomas Zeugmann, and Grant R. Pogosyan. On the size complexity of deterministic frequency automata. In *Language and automata theory and applications*, volume 7810 of *Lecture Notes in Comput. Sci.*, pages 287–298. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2013.
- Gao:2018:HBS**
- [GJSZ18] Ziyuan Gao, Sanjay Jain, Frank Stephan, and Thomas Zeugmann. On the help of bounded shot verifiers, comparators and standardisers for learnability in inductive inference. In *Algorithmic Learning Theory 2018*, volume 83 of *Proc. Mach. Learn. Res. (PMLR)*, page 25. Proceedings of Machine Learning Research PMLR, ????, 2018.
- Gasarch:1995:LQT**
- [GKP<sup>+</sup>95] 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(1):67–89, January 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

- |  | <b>Grieser:2000:LRC</b>         |  |
|--|---------------------------------|--|
| <p>[GLZ00] Gunter Grieser, Steffen Lange, and Thomas Zeugmann. Learning recursive concepts with anomalies. In <i>Algorithmic learning theory (Sydney, 2000)</i>, volume 1968 of <i>Lecture Notes in Comput. Sci.</i>, pages 101–115. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2000.</p> | <p><b>Gyorfi:2010:GEF</b></p>   |  |
| <p>[GTZ10] László Györfi, György Turán, and Thomas Zeugmann. Guest editors’ foreword [Algorithmic Learning Theory (ALT 2008)]. <i>Theoretical Computer Science</i>, 411(29–30):2629–2631, 2010. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). Held in Budapest, October 13–16, 2008.</p>                   | <p><b>Haussler:1992:PAA</b></p> |  |
| <p>[Hau92] D. Haussler, editor. <i>Proc. of the 5th Annual ACM Workshop on Computational Learning Theory, Pittsburgh, Pennsylvania</i>. ACM Press, New York, NY 10036, USA, 1992.</p>  | <p><b>Honavar:1998:ICGI</b></p> |  |
| <p>[HS98] V. Honavar and G. Slutzki, editors. <i>Grammatical Inference, 4th International Colloquium, ICGI'98, Ames, Iowa, USA</i>, volume 1433 of <i>Lecture Notes in Artificial Intelligence</i>. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, July 1998.</p>   | <p><b>Jantke:1987:AII</b></p>   |  |
| <p>[Jan87]</p>   | <p><b>Jantke:1989:AII</b></p>   |  |
| <p>[Jan89]</p>   | <p><b>Hutter:2013:GEF</b></p>   |  |
| <p>[HSVZ13]</p>  | <p><b>Ito:2010:CNC</b></p>      |  |
| <p>[IZZ10]</p>   | <p><b>Jantke:1987:AII</b></p>   |  |
- Marcus Hutter, Frank Stephan, Vladimir Vovk, and Thomas Zeugmann. Guest Editors’ foreword [Special issue on algorithmic learning theory]. *Theoretical Computer Science*, 473:1–3, 2013. CODEN TCSDIQ. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Kimihito Ito, Thomas Zeugmann, and Yu Zhu. Clustering the normalized compression distance for influenza virus data. In *Algorithms and applications*, volume 6060 of *Lecture Notes in Comput. Sci.*, pages 130–146. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2010.
- K. P. Jantke, editor. *Analogical and inductive inference: proceedings [Wendisch-Rietz, 1986]*, volume 265 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1987. ISBN 0-387-18081-8 (paperback). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN Q334 .J5771 1986.
- K. P. Jantke, editor. *Analogical and inductive inference: International Workshop AII '89, Reinhardtsbrunn Castle, GDR, October, 1989: proceedings*, volume 397 of *Lecture Notes in Computer*

- Science and Lecture Notes in Artificial Intelligence.* Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1989. ISBN 3-540-51734-0 (Berlin), 0-387-51734-0 (New York). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN Q334 .I577 1989.
- Jain:2003:LFR**
- [Jan92] K. P. Jantke, editor. *Analogical and Inductive Inference, Internat. Workshop AII'92*, volume 642 of *Lecture Notes in Artificial Intelligence*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1992.
- Jain:2000:LLF**
- [JKL<sup>+</sup>00] Sanjay Jain, Efim Kinber, Steffen Lange, Rolf Wiehagen, and Thomas Zeugmann. Learning languages and functions by erasing. *Theoretical Computer Science*, 241(1-2):143–189, 2000. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). Algorithmic learning theory (Sydney, 1996).
- Jain:2001:LRF**
- [JKWZ01] Sanjay Jain, Efim Kinber, Rolf Wiehagen, and Thomas Zeugmann. Learning recursive functions refutably. In *Algorithmic learning theory (Washington, DC, 2001)*, volume 2225 of *Lecture Notes in Comput. Sci.*, pages 283–298. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2001.
- [JSZ95a] [Jantke:1995:ALT]
- [JKWZ03] Sanjay Jain, Efim Kinber, Rolf Wiehagen, and Thomas Zeugmann. On learning of functions refutably. *Theoretical Computer Science*, 298(1):111–143, 2003. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). Selected papers in honour of Setsuo Arikawa.
- Jantke:1995:ALK**
- K. P. Jantke and S. Lange, editors. *Algorithmic Learning for Knowledge-Based Systems, GOSLER final report*, volume 961 of *Lecture Notes in Artificial Intelligence*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1995.
- Jain:2016:GEF**
- [JMSZ16] Sanjay Jain, Rémi Munos, Frank Stephan, and Thomas Zeugmann. Guest Editors’ foreword [preface to the special issue dedicated to the 24th International Conference on Algorithmic Learning Theory (ALT 2013)]. *Theoretical Computer Science*, 620(??):1–3, March 21, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009391>. Held at the National University of Singapore, Singapore, October 6–9, 2013.
- Jantke:1995:ALT**
- K. P. Jantke, T. Shinohara, and T. Zeugmann, editors. *Alg-*

- rithmic Learning Theory, 6th International Workshop, ALT'95, Fukuoka, Japan*, volume 997 of *Lecture Notes in Artificial Intelligence*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, October 1995.
- Jantke:1995:EI**
- [JSZ95b] K. P. Jantke, T. Shinohara, and T. Zeugmann. Editors' introduction. In *Proceedings of the 6th International Workshop on Algorithmic Learning Theory, ALT'95, Fukuoka, Japan* [JSZ95a], pages ix–xv. [JZ09]
- Jain:2012:ANL**
- [JSZ12] Sanjay Jain, Frank Stephan, and Thomas Zeugmann. On the amount of nonconstructivity in learning formal languages from positive data. In *Theory and applications of models of computation*, volume 7287 of *Lecture Notes in Comput. Sci.*, pages 423–434. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2012. [JZ10a]
- Jordan:2008:IFO**
- [JZ08] Skip Jordan and Thomas Zeugmann. Indistinguishability and first-order logic. In *Theory and applications of models of computation*, volume 4978 of *Lecture Notes in Comput. Sci.*, pages 94–104. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2008. [JZ10b]
- Jordan:2009:RPE**
- Charles Jordan and Thomas Zeugmann. Relational properties expressible with one universal quantifier are testable. In *Stochastic algorithms: foundations and applications*, volume 5792 of *Lecture Notes in Comput. Sci.*, pages 141–155. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2009.
- Jordan:2010:NTR**
- Charles Jordan and Thomas Zeugmann. A note on the testability of Ramsey's class. In *Theory and applications of models of computation*, volume 6108 of *Lecture Notes in Comput. Sci.*, pages 296–307. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2010.
- Jordan:2010:UPE**
- Charles Jordan and Thomas Zeugmann. Untestable properties expressible with four first-order quantifiers. In *Language and automata theory and applications*, volume 6031 of *Lecture Notes in Comput. Sci.*, pages 333–343. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2010.
- Jordan:2012:TUC**
- Charles Jordan and Thomas Zeugmann. Testable and untestable classes of first-order formulae. *Journal of Computer*
- [JZ12]

- and System Sciences*, 78(5):1557–1578, 2012. CODEN JCSSBM. ISSN 0022-0000 (print), 1090-2724 (electronic).
- Kinber:1990:LQT**
- [KGZ<sup>+</sup>90] E. B. Kinber, W. I. Gasarch, T. Zeugmann, M. K. Pleszkoch, and C. H. Smith. Learning via queries with teams and anomalies. In Fulk and Case [FC90], pages 327–337.
- Kucevalovs:2014:ITL**
- [KKFZ14] Ilja Kucevalovs, Ojārs Krasts, Rūsiņš Freivalds, and Thomas Zeugmann. On the influence of technology on learning processes. *Parallel Processing Letters*, 24(2):1440003:1–1440003:17, 2014. CODEN PPLTEE. ISSN 0129-6264.
- Kivinen:2014:GEI**
- [KSZ14] Jyrki Kivinen, Csaba Szepesvári, and Thomas Zeugmann. Guest editors’ introduction [Algorithmic learning theory]. *Theoretical Computer Science*, 519:1–3, 2014. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Kinber:1985:IIA**
- [KZ85] Efim B. Kinber and Thomas Zeugmann. Inductive inference of almost everywhere correct programs by reliably working strategies. *Elektronische Informationsverarbeitung und Kybernetik*, 21(3):91–100, 1985. CODEN EIVKAX. ISSN 0013-5712.
- [KZ89a] E. B. Kinber and T. Zeugmann. Refined query inference. In Jantke [Jan89], pages 148–160. ISBN 3-540-51734-0 (Berlin), 0-387-51734-0 (New York). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN Q334 .I577 1989.
- Kinber:1993:RQI**
- [KZ89b] Efim Kinber and Thomas Zeugmann. Monte-Carlo inference and its relations to reliable frequency identification. In Csirik et al. [CDG89], pages 257–266. ISBN 0-387-51498-8 (West Germany). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA75.5 I5731 1989. DM69.00.
- Kinber:1989:MCI**
- [KZ89c] Efim B. Kinber and Thomas Zeugmann. Refined query inference (extended abstract). In *Analogical and inductive inference (Reinhardtsbrunn Castle, 1989)*, volume 397 of *Lecture Notes in Artificial Intelligence*, pages 148–160. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1989.
- Kinber:1989:RQI**
- [KZ91] Efim B. Kinber and Thomas Zeugmann. One-sided error probabilistic inductive inference and reliable frequency identification. *Inform. Comput.*, 92(2):253–284, 1991. CODEN INFCEC. ISSN 0890-5401 (print), 1090-2651 (electronic).
- Kinber:1991:OSE**

- |  |  |
|--|--|
| <p><b>Lange:2005:IIA</b></p> <p>[LGZ05] Steffen Lange, Gunter Grieser, and Thomas Zeugmann. Inductive inference of approximations for recursive concepts. <i>Theoretical Computer Science</i>, 348(1):15–40, 2005. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).</p> <p><b>Li:1997:ALT</b></p> <p>[LM97] M. Li and A. Maruoka, editors. <i>Algorithmic Learning Theory, 8th International Workshop, ALT'97, Sendai, Japan</i>, volume 1316 of <i>Lecture Notes in Artificial Intelligence</i>. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, October 1997.</p> <p><b>Lange:1996:LBE</b></p> <p>[LWZ96a] S. Lange, R. Wiehagen, and T. Zeugmann. Learning by erasing. In Arikawa and Sharma [AS96], pages 228–241.</p> <p><b>Lange:1996:LEa</b></p> <p>[LWZ96b] S. Lange, R. Wiehagen, and T. Zeugmann. Learning by erasing. Technical Report RIFIS-TR-CS-122, RIFIS, Kyushu University 33, Kyushu, Japan, 1996.</p> <p><b>Lange:1996:LEb</b></p> <p>[LWZ96c] Steffen Lange, Rolf Wiehagen, and Thomas Zeugmann. Learning by erasing. In <i>Algorithmic learning theory (Sydney, 1996)</i>, volume 1160 of <i>Lecture Notes in Comput. Sci.</i>, pages 228–241. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996.</p> | <p><b>Lange:1992:LRL</b></p> <p>[LZ92a] S. Lange and T. Zeugmann. Learning recursive languages with bounded mind changes. Technical Report 16/92, GOSLER-Report, FB Mathematik und Informatik, TH Leipzig, Leipzig, Germany, 1992.</p> <p><b>Lange:1992:PML</b></p> <p>[LZ92b] S. Lange and T. Zeugmann. On the power of monotonic language learning. Technical Report 5/92, GOSLER-Report, FB Mathematik und Informatik, TH Leipzig, Leipzig, Germany, 1992.</p> <p><b>Lange:1992:TML</b></p> <p>[LZ92c] S. Lange and T. Zeugmann. Types of monotonic language learning and their characterization. In Haussler [Hau92], pages 377–390.</p> <p><b>Lange:1992:UAM</b></p> <p>[LZ92d] S. Lange and T. Zeugmann. A unifying approach to monotonic language learning on informant. In Jantke [Jan92], pages 244–259.</p> <p><b>Lange:1993:LLD</b></p> <p>[LZ93a] S. Lange and T. Zeugmann. Language learning in dependence on the space of hypotheses. In Pitt [Pit93], pages 127–136.</p> <p><b>Lange:1993:LRLb</b></p> <p>[LZ93b] S. Lange and T. Zeugmann. The learnability of recursive languages in dependence on the hypothesis space. Technical Report 20/93, GOSLER-Report,</p> |
|--|--|

- [LZ93c] FB Mathematik und Informatik, TH Leipzig, Leipzig, Germany, 1993.
- Lange:1993:LRLa**
- [LZ93d] S. Lange and T. Zeugmann. Learning recursive languages with a bounded number of mind changes. *Internat. Journal of Foundations of Computer Science*, 4:157–178, 1993. CODEN IFCSEN. ISSN 0129-0541 (print), 1793-6373 (electronic).
- Lange:1993:IOI**
- [LZ93e] S. Lange and T. Zeugmann. On the impact of order independence to the learnability of recursive languages. Technical Report ISIS-RR-93-17E, Research Report, FUJITSU Laboratories Ltd., Numazu, Numazu, Japan, 1993.
- Lange:1993:LLB**
- [LZ93f] Steffen Lange and Thomas Zeugmann. Language learning with a bounded number of mind changes. In Enjalbert et al. [EFW93], pages 682–691. ISBN 0-387-56503-5 (U.S.). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA267.A1 L43 no.665.
- Lange:1993:LRL**
- [LZ93g] Steffen Lange and Thomas Zeugmann. Monotonic versus non-monotonic language learning. In Brewka et al. [BJS93], pages 254–269.
- Lange:1993: MVN**
- [LZ94a] S. Lange and T. Zeugmann. Characterization of language learning from informant under various monotonicity constraints. *Journal of Experimental and Artificial Intelligence*, 6:73–94, 1994. CODEN JEAIEL. ISSN 0952-813x (print), 1362-3079 (electronic).
- Lange:1994:CLL**
- [LZ94b] S. Lange and T. Zeugmann. Set-driven and rearrangement-independent learning of recursive languages. In Arikawa and Jancke [AJ94], pages 453–468.
- Lange:1994:SDR**
- [LZ95a] S. Lange and T. Zeugmann. Modeling incremental learning from positive data. Technical Report RIFIS-TR-CS-117, RIFIS, Kyushu University 33, Kyushu, Japan, 1995.
- Lange:1995:MIL**
- [LZ95b] S. Lange and T. Zeugmann. Reefined incremental learning. In Yao [Yao95], pages 147–154.
- Lange:1995:RIL**
- [LZ95c] S. Lange and T. Zeugmann. Trading monotonicity demands versus mind changes. In Vitányi [Vit95], pages 125–139.
- Lange:1995:TMDa**

- Lange:1995:TMDb**
- [LZ95d] Steffen Lange and Thomas Zeugmann. Trading monotonicity demands versus efficiency. *Bulletin of Informatics and Cybernetics*, 27(1):53–83, 1995. ISSN 0286-522X.
- Lange:1995:TMD**
- [LZ95e] Steffen Lange and Thomas Zeugmann. Trading monotonicity demands versus mind changes. In *Computational learning theory (Barcelona, 1995)*, volume 904 of *Lecture Notes in Comput. Sci.*, pages 125–139. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995.
- Lange:1996:SDR**
- [LZ96a] S. Lange and T. Zeugmann. Set-driven and rearrangement-independent learning of recursive languages. *Math. Systems Theory*, 29(6):599–634, 1996. CODEN MASTBA. ISSN 0025-5661.
- Lange:1996:ILP**
- [LZ96b] Steffen Lange and Thomas Zeugmann. Incremental learning from positive data. *Journal of Computer and System Sciences*, 53(1):88–103, 1996. CODEN JCSSBM. ISSN 0022-0000 (print), 1090-2724 (electronic).
- Lange:1992:CPM**
- [LZK92] S. Lange, T. Zeugmann, and S. Kapur. Class preserving monotonic and dual monotonic language learning. Technical Report 14/92, GOSLER-Report, FB Mathematik und Informatik, TH Leipzig, Leipzig, Germany, 1992.
- Lange:1996:MDM**
- [LZK96] Steffen Lange, Thomas Zeugmann, and Shyam Kapur. Monotonic and dual monotonic language learning. *Theoretical Computer Science*, 155(2):365–410, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Lange:2008:LIF**
- [LZZ08] Steffen Lange, Thomas Zeugmann, and Sandra Zilles. Learning indexed families of recursive languages from positive data: a survey. *Theoretical Computer Science*, 397(1-3):194–232, 2008. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Meinel:1999:STACS**
- [MT99] C. Meinel and S. Tison, editors. *STACS'99, 16th International Symposium on Theoretical Aspects of Computer Science, Trier, Germany*, volume 1563 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, March 1999.
- Pitt:1993:PAA**
- [Pit93] L. Pitt, editor. *Proc. of the 6th Annual ACM Conference on Computational Learning Theory, Santa Cruz, California, USA*. ACM Press, New York, NY 10036, USA, 1993.

- Rovan:1990:MFC**
- [Rov90] B. Rovan, editor. *Mathematical foundations of computer science, 1990: Banská Bystrica, Czechoslovakia, August 27–31, 1990: proceedings*, volume 452 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1990. ISBN 3-540-52953-5, 0-387-52953-5. ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.9.M35 M386 1990. Papers selected for presentation at the 15th Symposium on Mathematical Foundations of Computer Science - MFCS '90.
- [RZ98a]
- Richter:1998:ALT**
- [RSWZ98a] M. M. Richter, C. H. Smith, R. Wiehagen, and T. Zeugmann, editors. *Algorithmic Learning Theory, 9th International Conference, ALT'98, Otzenhausen, Germany*, volume 1501 of *Lecture Notes in Artificial Intelligence*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, October 1998.
- [RZ98b]
- Richter:1998:EI**
- [RSWZ98b] M. M. Richter, C. H. Smith, R. Wiehagen, and T. Zeugmann. Editors' introduction. In *Proceedings of the 9th International Conference on Algorithmic Learning Theory, ALT'98, Otzenhausen, Germany* [RSWZ98a], pages 1–10.
- [RZ98c]
- Reischuk:1997:LOV**
- [RZ97] R. Reischuk and T. Zeugmann. Learning one-variable pattern languages in linear average time. Technical Report DOI-TR-140, Department of Informatics, Kyushu University, Kyushu, Japan, 1997.
- Reischuk:1998:AAC**
- R. Reischuk and T. Zeugmann. Analyzing the average-case behavior of conjunctive learning algorithms. Technical Report DOI-TR-153, Department of Informatics, Kyushu University, Kyushu, Japan, 1998.
- Reischuk:1998:OP**
- R. Reischuk and T. Zeugmann. Learning one-variable pattern languages in linear average time. In Bartlett and Mansour [BM98], pages 198–208.
- Reischuk:1998:LOV**
- Rüdiger Reischuk and Thomas Zeugmann. Learning one-variable pattern languages in linear average time. In *Proceedings of the Eleventh Annual Conference on Computational Learning Theory (Madison, WI, 1998)*, pages 198–208 (electronic). ACM Press, New York, NY 10036, USA, 1998.
- Reischuk:1998:LOVb**
- Rüdiger Reischuk and Thomas Zeugmann. Learning one-variable pattern languages in linear average time. *Sūrikaisekikenkyūsho Kōkyūroku*, (1041):95–102, 1998. Algorithms and theory of computing (Japanese) (Kyoto, 1998).

- [RZ98e] **Rossmannith:1998:LVPa**  
 P. Rossmannith and T. Zeugmann. Learning  $k$ -variable pattern languages efficiently stochastically finite on average from positive data. Technical Report DOI-TR-145, Department of Informatics, Kyushu University, Kyushu, Japan, 1998.
- [RZ98f] **Rossmannith:1998:PL**  
 P. Rossmannith and T. Zeugmann. Learning  $k$ -variable pattern languages efficiently stochastically finite on average from positive data. In Honavar and Slutzki [HS98], pages 13–24.
- [RZ98g] **Rossmannith:1998:LVPb**  
 Peter Rossmannith and Thomas Zeugmann. Learning  $k$ -variable pattern languages efficiently stochastically finite on average from positive data. In *Grammatical inference* (Ames, IA, 1998), volume 1433 of *Lecture Notes in Comput. Sci.*, pages 13–24. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998.
- [RZ99a] **Reischuk:1999:AV**  
 R. Reischuk and T. Zeugmann. A complete and tight average-case analysis of learning monomials. In Meinel and Tison [MT99], pages 414–423.
- [RZ99b] **Reischuk:1999:AAC**  
 Rüdiger Reischuk and Thomas Zeugmann. Analyzing the average-case behavior of conjunctive learning algorithms.
- [RZ99c] **Sūrikaisekikenkyūsho Kōkyūroku**, (1093):123–129, 1999. Models of computation and algorithms (Japanese) (Kyoto, 1999).
- [RZ00] **Reischuk:2000:ACO**  
 Rüdiger Reischuk and Thomas Zeugmann. An average-case optimal one-variable pattern language learner. *Journal of Computer and System Sciences*, 60(2):302–335, April 2000. CODEN JCSSBM. ISSN 0022-0000 (print), 1090-2724 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0022000099916690>.
- [RZ16] **Romisch:2016:MAM**  
 Werner Römisch and Thomas Zeugmann. *Mathematical Analysis and the Mathematics of Computation*. Springer, Cham, Switzerland, 2016. ISBN 3-319-42753-9 (hardcover), 3-319-42755-5 (e-book). xxiii + 704 pp. URL <http://link.springer.com/10.1007/978-3-319-42755-3>.

- |   |  |
|---|--|
| <p><b>Shawe-Taylor:1994:CLT</b></p> <p>[STA94] J. Shawe-Taylor and M. Anthony, editors. <i>Computational Learning Theory: Eurocolt '93</i>, volume New Series Number 53 of <i>The Institute of Mathematics and its Applications Conference Series</i>. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1994. ISBN 0-19-853492-2.</p> <p><b>Smith:1997:CPL</b></p> <p>[SWZ97] C. H. Smith, R. Wiegagen, and T. Zeugmann. Classifying predicates and languages. <i>Internat. Journal of Foundations of Computer Science</i>, 8:15–41, 1997. CODEN IFCSEN. ISSN 0129-0541 (print), 1793-6373 (electronic).</p> <p><b>Sakamoto:1997:LAD</b></p> <p>[SZ97] Hiroshi Sakamoto and Thomas Zeugmann. The learning ability of deterministic automata with finite memory. <i>Sūrikaisekikenkyūsho Kōkyūroku</i>, (992):36–41, 1997. The theory of computing and its applications (Japanese) (Kyoto, 1997).</p> <p><b>MR1788537</b></p> <p>[SZ99] Frank Stephan and Thomas Zeugmann. On the uniform learnability of approximations to non-recursive functions. In <i>Algorithmic learning theory (Tokyo, 1999)</i>, volume 1720 of <i>Lecture Notes in Comput. Sci.</i>, pages 276–290. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999.</p> | <p><b>Stephan:2002:LCA</b></p> <p>[SZ02] Frank Stephan and Thomas Zeugmann. Learning classes of approximations to non-recursive functions. <i>Theoretical Computer Science</i>, 288(2):309–341, 2002. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). Algorithmic learning theory (Tokyo, 1999).</p> <p><b>Tabe:1995:TVIa</b></p> <p>[TZ95a] T. Tabe and T. Zeugmann. Two variations of inductive inference of languages from positive data. Technical Report RIFIS-TR-CS-105, RIFIS, Kyushu University 33, Kyushu, Japan, 1995.</p> <p><b>Tabe:1995:TVIb</b></p> <p>[TZ95b] Takashi Tabe and Thomas Zeugmann. Two variations of inductive inference of languages from positive data. <i>Sūrikaisekikenkyūsho Kōkyūroku</i>, (906):73–80, 1995. Algorithms and computational complexity theory (Japanese) (Kyoto, 1995).</p> <p><b>Vitanyi:1995:CLT</b></p> <p>[Vit95] P. Vitányi, editor. <i>Computational Learning Theory, 2nd European Conference, EuroColt'95, Barcelona, Spain, March 1995</i>, volume 904 of <i>Lecture Notes in Artificial Intelligence</i>. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, March 1995.</p> <p><b>Wiegagen:1993:CRP</b></p> <p>[WSZ93] R. Wiegagen, C. H. Smith, and T. Zeugmann. Classifying recursive predicates and</p> |
|---|--|

- languages. Technical Report 21/93, GOSLER-Report, FB Mathematik und Informatik, TH Leipzig, Leipzig, Germany, 1993.
- Wiehagen:1994:CPL**
- [WSZ94] R. Wiehagen, C. H. Smith, and T. Zeugmann. Classification of predicates and languages. In Shawe-Taylor and Anthony [STA94], pages 171–181. ISBN 0-19-853492-2.
- Wiehagen:1995:CRP**
- [WSZ95] R. Wiehagen, C. H. Smith, and T. Zeugmann. Classifying recursive predicates and languages. In Jantke and Lange [JL95], pages 177–192.
- Wiehagen:1992:TMI**
- [WZ92] Rolf Wiehagen and Thomas Zeugmann. Too much information can be too much for learning efficiently. In *Analogical and inductive inference (Dagstuhl Castle, 1992)*, volume 642 of *Lecture Notes in Artificial Intelligence*, pages 72–86. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992.
- Wiehagen:1994:IDM**
- [WZ94a] R. Wiehagen and T. Zeugmann. Ignoring data may be the only way to learn efficiently. *Journal of Experimental and Artificial Intelligence*, 6:131–144, 1994. CODEN JEAIEL. ISSN 0952-813X (print), 1362-3079 (electronic).
- [WZ94b]
- R. Wiehagen and T. Zeugmann. Learning and consistency. Technical Report 28/94, GOSLER-Report, FB Mathematik und Informatik, TH Leipzig, Leipzig, Germany, 1994.
- Wiehagen:1994:LC**
- [WZ95a]
- R. Wiehagen and T. Zeugmann. Learning and consistency. In Jantke and Lange [JL95], pages 1–24.
- Wiehagen:1995:LC**
- [WZ95b]
- R. Wiehagen and T. Zeugmann. Too much information can be too much for efficient learning. In Jantke [Jan92], pages 72–86.
- Wiehagen:1995:TMI**
- [Yao95]
- Xin Yao, editor. *8th Australian Joint Conference on Artificial Intelligence*. World Scientific Publishing Co., Singapore; Philadelphia, PA, USA; River Edge, NJ, USA, 1995.
- Yao:1995:AJC**
- [Zeu81]
- T. Zeugmann. Inductive inference of fast programs. In *Proc. Workshop on Algorithms and Computing Theory*. Technical University of Poznan, Poznan, Poland, 1981.
- Zeugmann:1981:IIF**
- [Zeu82]
- T. Zeugmann. On the finite identification of fastest programs. In *Proc. Symposium on Mathematical Foundations of Computer Science*. Humboldt-Universität, Berlin, Germany, 1982. Seminarbericht Nr. 52.
- Zeugmann:1982:FIF**

- Zeugmann:1983:ASS**
- [Zeu83a] T. Zeugmann. *Zur algorithmischen Synthese von schnellen Programmen*. PhD thesis, Humboldt-Universität zu Berlin, Sektion Mathematik, Berlin, Germany, 1983.
- Zeugmann:1983:PCI**
- [Zeu83b] Thomas Zeugmann. A-posteriori characterizations in inductive inference of recursive functions. *Elektronische Informationsverarbeitung und Kybernetik*, 19(10–11):559–594, 1983. CODEN EIVKAX. ISSN 0013-5712.
- Zeugmann:1983:FIF**
- [Zeu83c] Thomas Zeugmann. On the finite identification of fastest programs. In *Symposium on mathematical foundations of computer science (Diedrichshagen, 1982)*, volume 52 of *Seminarberichte*, pages 151–159. Humboldt Univ. Berlin, 1983.
- Zeugmann:1983:SFP**
- [Zeu83d] Thomas Zeugmann. On the synthesis of fastest programs in inductive inference. *Elektronische Informationsverarbeitung und Kybernetik*, 19(12):625–642, 1983. CODEN EIVKAX. ISSN 0013-5712.
- Zeugmann:1984:ROV**
- [Zeu84a] Th. Zeugmann. Recursive operators versus recursive functions with respect to the generation of classes of functions having a fastest program. In *Algebraic and logical foundations of programming*, volume 67 of *Weiterbildungszentrum Math. Kybernet. Rechentech. Informationsverarbeitung*, pages 75–85. Tech. Univ. Dresden, Dresden, 1984.
- Zeugmann:1984:NTE**
- [Zeu84b] Thomas Zeugmann. On the non-boundability of total effective operators. *Zeitschr. f. math. Logik und Grundlagen d. Math. Bd.*, 30(2):169–172, 1984. CODEN ZMLGAQ. ISSN 0044-3050.
- Zeugmann:1987:BC**
- [Zeu87] Thomas Zeugmann. On Barzdin’s conjecture. In Jantke [Jan87], pages 220–227. ISBN 0-387-18081-8 (paperback). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN Q334 .I5771 1986.
- Zeugmann:1988:PRO**
- [Zeu88] Thomas Zeugmann. On the power of recursive optimizers. *Theoretical Computer Science*, 62(3):289–310, 1988. CODEN TCSIDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Zeugmann:1989:RBC**
- [Zeu89a] T. Zeugmann. Review of Baase, Computer Algorithms: Introduction to Design and Analysis (2nd ed.) (1988). *SIGACT News (ACM Special Interest Group on Automata and Computability Theory)*, 20, 1989. CODEN SIGNDM. ISSN 0163-5700 (print), 1943-5827 (electronic).

- Zeugmann:1989:IPC**
- [Zeu89b] Thomas Zeugmann. Improved parallel computations in the ring  $\mathbf{Z}/p^\alpha$ . *J. Inform. Process. Cybernet.*, 25(10):543–547, 1989. ISSN 0863-0593. Colloquium on Computation Theory (CCT ’88) (Berlin, 1988).
- Zeugmann:1990:IIO**
- [Zeu90a] T. Zeugmann. Inductive inference of optimal programs: A survey and open problems. In Dix et al. [DJS90], pages 208–222.
- Zeugmann:1990:PA**
- [Zeu90b] T. Zeugmann. Parallel algorithms. In *Encyclopedia of Computer Science and Technology*, volume 21 (Supplement 6), pages 223–244. Marcel Dekker, New York, NY, USA, 1990.
- Zeugmann:1990:CLP**
- [Zeu90c] Thomas Zeugmann. Computing large polynomial powers very fast in parallel. In Rovan [Rov90], pages 538–544. ISBN 3-540-52953-5, 0-387-52953-5. ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.9.M35 M386 1990. Papers selected for presentation at the 15th Symposium on Mathematical Foundations of Computer Science - MFCS ’90.
- Zeugmann:1991:IIO**
- [Zeu91] Thomas Zeugmann. Inductive inference of optimal programs: a survey and open problems. In *Nonmonotonic and inductive logic* (Karlsruhe, 1990), volume 543 of *Lecture Notes in Comput. Sci.*, pages 208–222. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991.
- Zeugmann:1992:RRS**
- [Zeu92a] T. Zeugmann. Review of Reinhold & Shen, more nearly optimal algorithms for unbounded searching (1991). *SIGACT News (ACM Special Interest Group on Automata and Computability Theory)*, 23, 1992. CODEN SIGNDM. ISSN 0163-5700 (print), 1943-5827 (electronic).
- Zeugmann:1992:HPC**
- [Zeu92b] Thomas Zeugmann. Highly parallel computations modulo a number having only small prime factors. *Inform. Comput.*, 96(1):95–114, 1992. CODEN INFEC. ISSN 0890-5401 (print), 1090-2651 (electronic).
- Zeugmann:1993:ALF**
- [Zeu93a] T. Zeugmann. Algorithmisches Lernen von Funktionen und Sprachen. Technical Report Habilitationsschrift, Technische Hochschule Darmstadt, Fachbereich Informatik, Darmstadt, Germany, 1993.
- Zeugmann:1993:IAL**
- [Zeu93b] T. Zeugmann. *Algorithmisches Lernen von Funktionen und Sprachen*. Technical Report Habilitationsschrift, Technische Hochschule Darmstadt, Fach-

- bereich Informatik, Darmstadt, Germany, 1993.
- [Zeu94a] T. Zeugmann. Average-case analysis of pattern language learning algorithms. In Arikawa and Jancke [AJ94], pages 8–9.
- [Zeu94b] T. Zeugmann. Average-case analysis of pattern language learning algorithms. In *Proc. 4th Internat. Workshop on Analogical and Inductive Inference*, volume 872 of *Lecture Notes in Artificial Intelligence*, pages 8–9. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1994.
- [Zeu94c] T. Zeugmann. Report on COLT 1994. *SIGACT News (ACM Special Interest Group on Automata and Computability Theory)*, 25, 1994. CODEN SIGNDM. ISSN 0163-5700 (print), 1943-5827 (electronic).
- [Zeu95] T. Zeugmann. Lange and Wiehagen’s pattern language learning algorithm: An average-case analysis with respect to its total learning time. Technical Report RIFIS-TR-CS-111, RIFIS, Kyushu University 33, Kyushu, Japan, 1995.
- [Zeu97] T. Zeugmann. Special issue on algorithmic learning theory, (guest editor). *Theoretical Computer Science*, 185(1), 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- [Zeu98] Thomas Zeugmann. Lange and Wiehagen’s pattern language learning algorithm: An average-case analysis with respect to its total learning time. *Annals of Mathematics and Artificial Intelligence*, 23(1-2):117–145, 1998. CODEN AMAIEC. ISSN 1012-2443 (print), 1573-7470 (electronic). ALT 94 and AII 94 (Reinhardtsbrunn Castle).
- [Zeu03] Thomas Zeugmann. Can learning in the limit be done efficiently? In *Algorithmic learning theory*, volume 2842 of *Lecture Notes in Comput. Sci.*, pages 17–38. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2003.
- [Zeu06a] Thomas Zeugmann. From learning in the limit to stochastic finite learning. *Theoretical Computer Science*, 364(1):77–97, 2006. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- [Zeu06b] Thomas Zeugmann. Inductive inference and language learning. In *Theory and applications of models of computation*, volume 3959 of *Lecture Notes in Comput. Sci.*, pages 464–473. Springer-Verlag,

- Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2006.
- Zeugmann:2016:ORM**
- [Zeu16] Thomas Zeugmann. Obituary: Rūsiņš Mārtiņš Freivalds (1942–2016). *Bull. Eur. Assoc. Theor. Comput. Sci. (EATCS)*, (118): 17–20, 2016. ISSN 0252-9742.
- Zeugmann:2018:GEF**
- [Zeu18] Thomas Zeugmann. Guest Editor’s foreword [Preface: special issue on learning theory and complexity]. *Theoretical Computer Science*, 733(??):1–3, ???? 2018. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397518302718>.
- Zeugmann:1994:GTA**
- [ZL94] T. Zeugmann and S. Lange. A guided tour across the boundaries of learning recursive languages. Technical Report 26/94, GOSLER-Report, FB Mathematik und Informatik, TH Leipzig, Leipzig, Germany, 1994.
- Zeugmann:1995:GTA**
- [ZL95] T. Zeugmann and S. Lange. A guided tour across the boundaries of learning recursive languages. In Jantke and Lange [JL95], pages 193–262.
- Zeugmann:1992:CCP**
- [ZLK92] T. Zeugmann, S. Lange, and S. Kapur. Characterizations of class preserving monotonic and dual monotonic language learning. Technical Report IRCS 92-24, Institute for Research in Cognitive Science, Univ. Pennsylvania, Philadelphia, PA, USA, 1992.
- Zeugmann:1995:CMD**
- [ZLK95] Thomas Zeugmann, Steffen Lange, and Shyam Kapur. Characterizations of monotonic and dual monotonic language learning. *Inform. Comput.*, 120(2): 155–173, 1995. CODEN INFCEC. ISSN 0890-5401 (print), 1090-2651 (electronic).
- Zeugmann:2008:LRF**
- [ZZ08] Thomas Zeugmann and Sandra Zilles. Learning recursive functions: a survey. *Theoretical Computer Science*, 397(1-3):4–56, 2008. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).