A Complete Bibliography of Publications in *Formal Aspects of Computing*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: `beebe@math.utah.edu`, `beebe@acm.org`, `beebe@computer.org` (Internet)
WWW URL: `http://www.math.utah.edu/~beebe/`

12 June 2023
Version 1.16

Title word cross-reference

References

Jones:1989:E

[1] C. B. Jones. Editorial. *Formal Aspects of Computing*, 1(1):1–3, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887196.

Thomas:1989:DMT

[2] Martyn Thomas. Development methods for trusted computer systems. *Formal Aspects of Computing*, 1(1):5–18, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887197.

Backhouse:1989:DIY

[3] Roland Backhouse, Paul Chisholm, Grant Malcolm, and Erik Saaman. Do-it-yourself type theory. *Formal Aspects of Computing*, 1(1):19–84, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887198.

Nielsen:1989:RLM

[4] Mogens Nielsen, Klaus Havelund, Kim Ritter Wagner, and Chris George. The RAISE language, method and tools. *Formal Aspects of Computing*, 1(1):85–114, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887199.

Middelburg:1989:VLS

[5] C. A. Middelburg. VVSL: A language for structured VDM specifications. *Formal Aspects of Computing*, 1(1):115–135, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887200.

Monahan:1989:BR

[6] Brian Monahan. Book reviews. *Formal Aspects of Computing*, 1(1):137–144, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887201.

Cooke:1989:E

[7] D. J. Cooke. Editorial. *Formal Aspects of Computing*, 1(1):145–146, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01887202; http://link.springer.com/article/10.1007/BF01887202.

Burton:1989:SAM

[8] C. T. Burton, S. J. Cook, S. Gikas, J. R. Rowson, and S. T. Sommerville. Specifying the Apple Macintosh^{TM} Toolbox event manager. *Formal Aspects of Computing*, 1(1):147–171, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887203.

Henson:1989:PDC

[9] Martin C. Henson. Program development in the constructive set theory TK. *Formal Aspects of Computing*, 1(1):173–192, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887204.

Huntbach:1989:MIP

[10] Matthew Huntbach. Meta-interpreters and partial evaluation in Parlog. *Formal Aspects of Computing*, 1(1): 193–211, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887205.

Kwiatkowska:1989:EFN

[11] Marta Z. Kwiatkowska. Event fairness and non-interleaving concurrency. *Formal Aspects of Computing*, 1(1): 213–228, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887206.

Jifeng:1989:PSR

[12] He Jifeng. Process simulation and refinement. *Formal Aspects of Computing*, 1(1):229–241, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887207.

Holmstrom:1989:RCS

[13] Sören Holmström. A refinement calculus for specifications in Hennessy–Milner logic with recursion. *Formal Aspects of Computing*, 1(1):242–272, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887208.

Walker:1989:AAM

[14] D. J. Walker. Automated analysis of mutual exclusion algorithms using CCS. *Formal Aspects of Computing*, 1(1):273–292, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887209.

Cooke:1989:BR

[15] John Cooke, Crustian Calude, Will Harwood, and Dan Simpson. Book reviews. *Formal Aspects of Computing*, 1(1):293–301, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887210.

Dybjer:1989:FPA

[16] Peter Dybjer and Herbert P. Sander. A functional programming approach to the specification and verification of concurrent systems. *Formal Aspects of Computing*, 1(1):303–319, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887211.

Nipkow:1989:TRB

[17] Tobias Nipkow. Term rewriting and beyond — theorem proving in Isabelle. *Formal Aspects of Computing*, 1(1):320–338, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887212.

Thompson:1989:LM

[18] Simon Thompson. A logic for Miranda. *Formal Aspects of Computing*, 1(1):339–365, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http:

//link.springer.com/article/10.1007/BF01887213.

America:1989:IDP

[19] Pierre America. Issues in the design of a parallel object-oriented language. *Formal Aspects of Computing*, 1(1):366–411, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887214.

Parke:1989:BR

[20] Tom Parke and R. McLean. Book reviews. *Formal Aspects of Computing*, 1(1):412–415, March 1989. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01887215.

Oliveira:1990:RCM

[21] J. N. Oliveira. A reification calculus for model-oriented software specification. *Formal Aspects of Computing*, 2(1):1–23, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888215.

Carmo:1990:BVL

[22] José Carmo and Amílcar Sernadas. Branching versus linear logics yet again. *Formal Aspects of Computing*, 2(1):24–59, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888216.

Hesselink:1990:CAR

[23] Wim H. Hesselink. Command algebras, recursion and program transformation. *Formal Aspects of Computing*, 2(1):60–104, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888217.

Anonymous:1990:FEa

[24] Anonymous. Forthcoming events 1990. *Formal Aspects of Computing*, 2(1):105–108, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888218.

Partsch:1990:FPM

[25] H. A. Partsch and F. A. Stomp. A fast pattern matching algorithm derived by transformational and assertional reasoning. *Formal Aspects of Computing*, 2(1):109–122, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888219.

Best:1990:POB

[26] Eike Best and Jörg Desel. Partial order behaviour and structure of Petri nets. *Formal Aspects of Computing*, 2(1):123–138, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888220.

Hesselink:1990:AML

[27] Wim H. Hesselink. Axioms and models of linear logic. *Formal Aspects*

of *Computing*, 2(1):139–166, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888221.

Misra:1990:ERA

[28] Jayadev Misra. Equational reasoning about nondeterministic processes. *Formal Aspects of Computing*, 2(1):167–195, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888222.

Denvir:1990:BR

[29] Tim Denvir, Rosamund Rawlings, Tom Parke, S. J. Goldsack, and Anthony Hall. Book reviews. *Formal Aspects of Computing*, 2(1):196–202, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888223.

Anonymous:1990:FEb

[30] Anonymous. Forthcoming events 1990. *Formal Aspects of Computing*, 2(1):203–205, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888224.

Hermann:1990:CPR

[31] Miki Hermann. Chain properties of rule closures. *Formal Aspects of Computing*, 2(1):207–225, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888225.

He:1990:IPT

[32] Xudong He and John A. N. Lee. Integrating predicate transition nets with first order temporal logic in the specification and verification of concurrent systems. *Formal Aspects of Computing*, 2(1):226–246, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888226.

Back:1990:RCF

[33] R. J. R. Back and J. von Wright. Refinement concepts formalised in higher order logic. *Formal Aspects of Computing*, 2(1):247–272, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888227.

Lengauer:1990:PSP

[34] C. Lengauer and J. W. Sanders. The projection of systolic programs. *Formal Aspects of Computing*, 2(1):273–293, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888228.

Anonymous:1990:FEc

[35] Anonymous. Forthcoming events 1990. *Formal Aspects of Computing*, 2(1):294–298, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888229.

Paterson:1990:OPD

[36] M. S. Paterson. Obituary: Professor David Michael Ritchie Park. *Formal*

Aspects of Computing, 2(1):299–300, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01888230; http://link.springer.com/article/10.1007/BF01888230.

Lin:1990:MMI

[37] Huimin Lin and Man-Chi Pong. Modelling multiple inheritance with colimits. *Formal Aspects of Computing*, 2(1):301–311, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888231.

Ah-kee:1990:POB

[38] Alain Ah-kee. Proof obligations for blocks and procedures. *Formal Aspects of Computing*, 2(1):312–330, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888232.

Stannett:1990:XMH

[39] Mike Stannett. X-machines and the halting problem: Building a super-Turing machine. *Formal Aspects of Computing*, 2(1):331–341, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888233.

Soparkar:1990:ICH

[40] Nandit Soparkar and Abraham Silberschatz. On the interconnection constants of Hopfield nets. *Formal Aspects of Computing*, 2(1):342–358, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888234.

Chapman:1990:DAI

[41] N. P. Chapman. Defining, analysing and implementing communication protocols using attribute grammars. *Formal Aspects of Computing*, 2(1):359–392, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888235.

Anonymous:1990:FEd

[42] Anonymous. Forthcoming events 1990. *Formal Aspects of Computing*, 2(1):393–396, March 1990. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01888236.

Gries:1991:E

[43] David Gries. Editorial. *Formal Aspects of Computing*, 3(1):1, January/March 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01211432; http://link.springer.com/article/10.1007/BF01211432.

Owe:1991:GIO

[44] Olaf Owe and Ole-Johan Dahl. Generator induction in order sorted algebras. *Formal Aspects of Computing*, 3(1):2–20, January/March 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211433.

Broy:1991:TFF

[45] Manfred Broy. Towards a formal foundation of the specification and description language SDL. *Formal Aspects of Computing*, 3(1):21–57, January/March 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211434.

Stepney:1991:DCC

[46] Susan Stepney, Dave Whitley, David Cooper, and Colin Grant. A demonstrably correct compiler. *Formal Aspects of Computing*, 3(1):58–101, January/March 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211435.

Pitt:1991:BR

[47] David Pitt and Dan Simpson. Book reviews. *Formal Aspects of Computing*, 3(1):102–105, January/March 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211436.

Anonymous:1991:FEa

[48] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 3(1):106–108, January/March 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211437.

Jones:1991:E

[49] C. B. Jones. Editorial. *Formal Aspects of Computing*, 3(2):109, June 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01898398; http://link.springer.com/article/10.1007/BF01898398.

Barrett:1991:FPT

[50] Geoff Barrett. The fixed point theory of unbounded non-determinism. *Formal Aspects of Computing*, 3(2):110–128, June 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01898399.

Cusack:1991:RCI

[51] Elspeth Cusack. Refinement, conformance and inheritance. *Formal Aspects of Computing*, 3(2):129–141, June 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01898400.

Baeten:1991:RTP

[52] J. C. M. Baeten and J. A. Bergstra. Real time process algebra. *Formal Aspects of Computing*, 3(2):142–188, June 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01898401.

Sanders:1991:ESA

[53] Beverly A. Sanders. Eliminating the substitution axiom from UNITY logic. *Formal Aspects of Computing*, 3(2):189–205, June 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01898402.

Murphy:1991:BR

[54] David Murphy and J. W. Sanders. Book reviews. *Formal Aspects of Computing*, 3(2):206–212, June 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01898403.

Anonymous:1991:FEb

[55] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 3(2):213–216, June 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01898404.

Denvir:1991:E

[56] Tim Denvir. Editorial. *Formal Aspects of Computing*, 3(3):217, July/September 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01245631; http://link.springer.com/article/10.1007/BF01245631.

Hedberg:1991:NAL

[57] Michael Hedberg. Normalising the associative law: An experiment with Martin-Löf's type theory. *Formal Aspects of Computing*, 3(3):218–252, July/September 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01245632.

Alagar:1991:FSP

[58] Vangalur S. Alagar and Geetha Ramanathan. Functional specification and proof of correctness for time dependent behaviour of reactive systems. *Formal Aspects of Computing*, 3(3):253–283, July/September 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01245633.

Qin:1991:FFS

[59] Huajun Qin and Philip Lewis. Factorisation of finite state machines under strong and observational equivalences. *Formal Aspects of Computing*, 3(3):284–307, July/September 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01245634.

Anonymous:1991:FEc

[60] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 3(3):308–312, July/September 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01245635.

Cooke:1991:E

[61] John Cooke. Editorial. *Formal Aspects of Computing*, 3(4):313–314, October/December 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01642505; http://link.springer.com/article/10.1007/BF01642505.

Baumann:1991:TSB

[62] Peter Baumann. Towards a semantics-based information theory. *Formal Aspects of Computing*, 3(4):315–325,

October/December 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01642506.

Hennicker:1991:CIP

[63] Rolf Hennicker. Context induction: A proof principle for behavioural abstractions and algebraic implementations. *Formal Aspects of Computing*, 3(4):326–345, October/December 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01642507.

Hennessy:1991:PSC

[64] M. Hennessy. A proof system for communicating processes with value-passing. *Formal Aspects of Computing*, 3(4):346–366, October/December 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01642508.

Notarmarco:1991:FAC

[65] Christiane Notarmarco and Rod Mulvey. Formal aspects of computing: LaTeX style guide for authors. *Formal Aspects of Computing*, 3(4):367–376, October/December 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01642509.

Anonymous:1991:FEd

[66] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 3(4):377–378, October/December 1991. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01642510; http://link.springer.com/article/10.1007/BF01642510.

Denvir:1992:E

[67] Tim Denvir. Editorial. *Formal Aspects of Computing*, 4(1):1–12, January 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214954.

Middelburg:1992:MSV

[68] C. A. Middelburg. Modular structuring of VDM specifications in VVSL. *Formal Aspects of Computing*, 4 (1):13–47, January 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214955.

George:1992:NDS

[69] Chris George. The NDB database specified in the RAISE specification language. *Formal Aspects of Computing*, 4(1):48–75, January 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214956.

Hayes:1992:VZC

[70] Ian Hayes. VDM and Z: A comparative case study. *Formal Aspects of Computing*, 4(1):76–99, January 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214957.

Kazmierczak:1992:MSS

[71] Edmund Kazmierczak. Modularising the specification of a small database system in extended ML. *Formal Aspects of Computing*, 4(1):100–142, January 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214958.

Henglein:1992:BR

[72] Fritz Henglein. Book review. *Formal Aspects of Computing*, 4(1):143–144, January 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01214959; http://link.springer.com/article/10.1007/BF01214959.

Anonymous:1992:FEa

[73] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 4(1):145–147, January 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214960.

Abdulla:1992:AVC

[74] Parosh Abdulla. Automatic verification of a class of systolic circuits. *Formal Aspects of Computing*, 4(2):149–194, March 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212335.

Lukkien:1992:WPP

[75] Johan J. Lukkien and Jan L. A. van de Snepscheut. Weakest preconditions for progress. *Formal Aspects of Computing*, 4(2):195–236, March 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212336.

Anonymous:1992:FEc

[76] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 4(2):237–238, March 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01212337; http://link.springer.com/article/10.1007/BF01212337.

Fiadeiro:1992:TTM

[77] J. Fiadeiro and T. Maibaum. Temporal theories as modularisation units for concurrent system specification. *Formal Aspects of Computing*, 4(3):239–272, May 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212304.

Anderson:1992:CA

[78] James H. Anderson and Mohamed G. Gouda. A criterion for atomicity. *Formal Aspects of Computing*, 4(3):273–298, May 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212305.

Fisher:1992:MCL

[79] Michael Fisher. A model checker for linear time temporal logic. *Formal Aspects of Computing*, 4(3):299–319, May 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (elec-

tronic). URL http://link.springer.com/article/10.1007/BF01212306.

Anonymous:1992:FEd

[80] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 4 (3):320–322, May 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212307.

Owe:1992:ATP

[81] Olaf Owe. Axiomatic treatment of processes with shared variables revisited. *Formal Aspects of Computing*, 4(4):323–340, July 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211310.

Fassbender:1992:ISD

[82] Heinz Fassbender and Heiko Vogler. An implementation of syntax directed functional programming on nested-stack machines. *Formal Aspects of Computing*, 4(4):341–375, July 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211311.

America:1992:LSP

[83] Pierre America and Jan Rutten. A layered semantics for a parallel object-oriented language. *Formal Aspects of Computing*, 4(4):376–408, July 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211312.

Anonymous:1992:FEe

[84] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 4 (4):409–411, July 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211313.

Meertens:1992:P

[85] Lambert Meertens. Paramorphisms. *Formal Aspects of Computing*, 4(5): 413–424, September 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211391.

Seldin:1992:CCC

[86] Jonathan P. Seldin. Coquand's calculus of constructions: A mathematical foundation for a proof development system. *Formal Aspects of Computing*, 4(5):425–441, September 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211392.

Liu:1992:TPF

[87] Zhiming Liu and Mathai Joseph. Transformation of programs for fault-tolerance. *Formal Aspects of Computing*, 4(5):442–469, September 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211393.

Hindley:1992:TII

[88] J. Roger Hindley. Types with intersection: An introduction. *Formal Aspects*

of Computing, 4(5):470–486, September 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211394`.

Kay:1992:SPB

[89] Andrew Kay and Peter Lupton. Sequential to parallel buffer refinement. *Formal Aspects of Computing*, 4(5): 487–492, September 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211395`.

Atkinson:1992:BR

[90] M. D. Atkinson, David Lester, and Lawrence C. Paulson. Book reviews. *Formal Aspects of Computing*, 4(5): 493–496, September 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211396`.

Orava:1992:AVM

[91] Fredrik Orava and Joachim Parrow. An algebraic verification of a mobile network. *Formal Aspects of Computing*, 4(6):497–543, November 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211473`.

Boudriga:1992:LSA

[92] Noureddine Boudriga, Fathi Elloumi, and Ali Mili. On the lattice of specifications: Applications to a specification methodology. *Formal Aspects of Computing*, 4(6):544–571, November 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211474`.

Best:1992:CGH

[93] Eike Best, Ludmila Cherkasova, and Jörg Desel. Compositional generation of home states in free choice nets. *Formal Aspects of Computing*, 4(6): 572–581, November 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211475`.

Francez:1992:ECF

[94] Nissim Francez, Ralph-J. J. Back, and Reino Kurki-Suonio. On equivalence-completions of fairness assumptions. *Formal Aspects of Computing*, 4(6): 582–591, November 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211476`.

Hussmann:1992:BR

[95] Heinrich Hussmann. Book review. *Formal Aspects of Computing*, 4(6): 592–593, November 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/BF01211477`; `http://link.springer.com/article/10.1007/BF01211477`.

Jones:1992:E

[96] Cliff Jones and John Cooke. Editorial. *Formal Aspects of Computing*, 4(1S):595–596, November/December 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (elec-

tronic). URL http://link.springer.com/accesspage/article/10.1007/BF03180563; http://link.springer.com/article/10.1007/BF03180563.

Russinoff:1992:VSC

[97] David M. Russinoff. A verification system for concurrent programs based on the Boyer–Moore prover. *Formal Aspects of Computing*, 4(1S):597–611, November/December 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03180564.

Pomello:1992:ACE

[98] L. Pomello and C. Simone. An algebraic characterisation of elementary net system (observable) state space. *Formal Aspects of Computing*, 4(1S):612–637, November/December 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03180565.

Balcazar:1992:DBC

[99] José Balcázar, Joaquim Gabarró, and Miklós Sántha. Deciding bisimilarity is *P*-complete. *Formal Aspects of Computing*, 4(1S):638–648, November/December 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03180566.

Shields:1992:MHP

[100] M. W. Shields. Multitraces, hypertraces and partial order semantics. *Formal Aspects of Computing*, 4(1S):649–672, November/December 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03180567.

Fokkinga:1992:CC

[101] Maarten M. Fokkinga. Calculate categorically! *Formal Aspects of Computing*, 4(1S):673–692, November/December 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03180568.

Burton:1992:PM

[102] C. T. P. Burton. Program morphisms. *Formal Aspects of Computing*, 4(1S):693–726, November/December 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03180569.

Mizuno:1992:SFC

[103] Masaaki Mizuno and David Schmidt. A security flow control algorithm and its denotational semantics correctness proof. *Formal Aspects of Computing*, 4(1S):727–754, November/December 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03180570.

Bevier:1992:MCP

[104] William R. Bevier and William D. Young. Machine checked proofs of the design of a fault-tolerant circuit. *Formal Aspects of Computing*, 4(1S):755–775, November/December 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (elec-

tronic). URL http://link.springer.com/article/10.1007/BF03180571.

Fokker:1992:SCO

[105] Jeroen Fokker. The systematic construction of a one-combinator basis for Lambda–terms. *Formal Aspects of Computing*, 4(1S):776–780, November/December 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03180572.

Anonymous:1992:FEb

[106] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 4 (1S):781–782, November/December 1992. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF03180573; http://link.springer.com/article/10.1007/BF03180573.

Cleaveland:1993:TEB

[107] Rance Cleaveland and Matthew Hennessy. Testing equivalence as a bisimulation equivalence. *Formal Aspects of Computing*, 5(1):1–20, January 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211314.

Lentfert:1993:DMM

[108] P. J. A. Lentfert and S. D. Swierstra. Distributed maximum maintenance on hierarchically divided graphs. *Formal Aspects of Computing*, 5(1):21–60, January 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211315.

Bird:1993:LP

[109] R. S. Bird and O. de Moor. List partitions. *Formal Aspects of Computing*, 5(1):61–78, January 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211316.

Massart:1993:EAE

[110] T. Massart and R. Devillers. Equality of agent expressions is preserved under an extension of the universe of actions. *Formal Aspects of Computing*, 5(1):79–88, January 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211317.

Anonymous:1993:FEa

[111] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 5(1):89–90, January 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01211318; http://link.springer.com/article/10.1007/BF01211318.

Bucci:1993:EIS

[112] A. Bucci, P. Inverardi, and S. Martini. An "executable" impredicative semantics for the Ada configuration. *Formal Aspects of Computing*, 5(2):91–120, March 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211301.

Weber-Wulff:1993:PMP

[113] Debora Weber-Wulff. Proof movie — a proof with the Boyer–Moore

prover. *Formal Aspects of Computing*, 5(2):121–151, March 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211302.

Williams:1993:ADP

[114] Alan Williams. The applicability of discrete performance estimation methods to VLSI design. *Formal Aspects of Computing*, 5(2):152–176, March 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211303.

Anonymous:1993:FEb

[115] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 5(2):177–180, March 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211304.

Hense:1993:DSO

[116] Andreas V. Hense. Denotational semantics of an object-oriented programming language with explicit wrappers. *Formal Aspects of Computing*, 5(3):181–207, May 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211554.

Owe:1993:PLR

[117] Olaf Owe. Partial logics reconsidered: A conservative approach. *Formal Aspects of Computing*, 5(3):208–223, May 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211555.

Quemada:1993:TTC

[118] Juan Quemada, David de Frutos, and Arturo Azcorra. TIC: A timed calculus. *Formal Aspects of Computing*, 5(3):224–252, May 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211556.

Miguel:1993:LEP

[119] Carlos Miguel, Angel Fernández, and Leon Vidaller. LOTOS extended with probabilistic behaviours. *Formal Aspects of Computing*, 5(3):253–281, May 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211557.

Roy:1993:BR

[120] Dyckhoff Roy and E. Moggi. Book reviews. *Formal Aspects of Computing*, 5(3):282–284, May 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211558.

Anonymous:1993:FEc

[121] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 5(3):285–288, May 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211559.

Stoddart:1993:TIS

[122] Bill Stoddart and Peter J. Knaggs. Type inference in stack based lan-

guages. *Formal Aspects of Computing*, 5(4):289–298, July 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212404.

Mukherjee:1993:FSS

[123] Paul Mukherjee and Victoria Stavridou. The formal specification of safety requirements for storing explosives. *Formal Aspects of Computing*, 5(4):299–336, July 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212405. See response [161].

Dennis-Jones:1993:CMC

[124] Esther Dennis-Jones and David E. Rydeheard. Categorical ML — category-theoretic modular programming. *Formal Aspects of Computing*, 5(4):337–366, July 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212406.

Gardiner:1993:SCR

[125] P. H. B. Gardiner and Carroll Morgan. A single complete rule for data refinement. *Formal Aspects of Computing*, 5(4):367–382, July 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212407.

Davie:1993:BR

[126] Tony Davie and Simon Brock. Book reviews. *Formal Aspects of Computing*, 5(4):383–384, July 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01212408; http://link.springer.com/article/10.1007/BF01212408.

Anonymous:1993:FEd

[127] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 5(4):385–387, July 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212409.

Jones:1993:E

[128] Cliff Jones and John Cooke. Editorial. *Formal Aspects of Computing*, 5(5):389–390, September 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01212484; http://link.springer.com/article/10.1007/BF01212484.

Weber:1993:DBP

[129] Matthias Weber. Definition and basic properties of the Deva meta-calculus. *Formal Aspects of Computing*, 5(5):391–431, September 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212485.

Hennessy:1993:CPV

[130] M. Hennessy and A. Ingólfsdóttir. Communicating processes with value-passing and assignments. *Formal Aspects of Computing*, 5(5):432–466, September 1993. CODEN

FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212486.

Brebner:1993:CBI

[131] Gordon Brebner. A CCS-based investigation of deadlock in a multi-process electronic mail system. *Formal Aspects of Computing*, 5(5):467–479, September 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212487.

Baeten:1993:RSP

[132] J. C. M. Baeten and J. A. Bergstra. Real space process algebra. *Formal Aspects of Computing*, 5(6):481–529, November 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211247.

Davies:1993:RIR

[133] Jim Davies and Steve Schneider. Recursion induction for real-time processes. *Formal Aspects of Computing*, 5(6):530–553, November 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211248.

Hesselink:1993:PRR

[134] Wim H. Hesselink. Proof rules for recursive procedures. *Formal Aspects of Computing*, 5(6):554–570, November 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211249.

Lins:1993:BR

[135] Rafael D. Lins. Book review. *Formal Aspects of Computing*, 5(6):571–572, November 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01211250; http://link.springer.com/article/10.1007/BF01211250.

Anonymous:1993:FEe

[136] Anonymous. Forthcoming events. *Formal Aspects of Computing*, 5(6):573, November 1993. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01211251; http://link.springer.com/article/10.1007/BF01211251.

Staples:1994:FLH

[137] John Staples, Peter J. Robinson, and Daniel Hazel. A functional logic for higher level reasoning about computation. *Formal Aspects of Computing*, 6(1):1–38, January 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211079.

Nickolas:1994:CFL

[138] Peter Nickolas. The completeness of functional logic. *Formal Aspects of Computing*, 6(1):39–59, January 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211080.

Moore:1994:FMA

[139] J. Strother Moore. A formal model of asynchronous communication and

its use in mechanically verifying a biphase mark protocol. *Formal Aspects of Computing*, 6(1):60–91, January 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211081.

Bruns:1994:FAC

[140] Glenn Bruns and Stuart Anderson. The formalization and analysis of a communications protocol. *Formal Aspects of Computing*, 6(1):92–112, January 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211082.

Jones:1994:E

[141] Cliff Jones. Editorial. *Formal Aspects of Computing*, 6(2):113–114, March 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01221096; http://link.springer.com/article/10.1007/BF01221096.

Groote:1994:PAG

[142] Jan Friso Groote and Alban Ponse. Process algebra with guards: Combining Hoare logic with process algebra. *Formal Aspects of Computing*, 6(2):115–164, March 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01221097.

Boudol:1994:TPL

[143] G. Boudol, I. Castellani, M. Hennessy, and A. Kiehn. A theory of processes with localities. *Formal Aspects of Computing*, 6(2):165–200, March 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01221098.

Aceto:1994:SVL

[144] Luca Aceto. A static view of localities. *Formal Aspects of Computing*, 6(2):201–222, March 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01221099.

Antoniou:1994:VM

[145] Grigoris Antoniou. The verification of modules. *Formal Aspects of Computing*, 6(2):223–244, March 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01221100.

Horning:1994:BR

[146] James J. Horning. Book reviews. *Formal Aspects of Computing*, 6(2):245–246, March 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01221101; http://link.springer.com/article/10.1007/BF01221101.

Dijkstra:1994:JVS

[147] Edsger W. Dijkstra. Jan L. A. van de Snepscheut. *Formal Aspects of Computing*, 6(3):247–249, May 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01215406.

Baeten:1994:SCA

[148] J. C. M. Baeten and J. A. Bergstra. On sequential composition, action prefixes and process prefix. *Formal Aspects of Computing*, 6(3):250–268, May 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01215407.

America:1994:RAD

[149] Pierre America and Frank de Boer. Reasoning about dynamically evolving process structures. *Formal Aspects of Computing*, 6(3):269–316, May 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01215408.

Bloom:1994:WPT

[150] Bard Bloom. When is partial trace equivalence adequate? *Formal Aspects of Computing*, 6(3):317–338, May 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01215409.

Brink:1994:PA

[151] Chris Brink, Katarina Britz, and Renate A. Schmidt. Peirce algebras. *Formal Aspects of Computing*, 6(3):339–358, May 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01215410.

Russinoff:1994:MVI

[152] David M. Russinoff. A mechanically verified incremental garbage collector. *Formal Aspects of Computing*, 6(4):359–390, July 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211305.

Lieberherr:1994:OEC

[153] Karl J. Lieberherr, Walter L. Hürsch, and Cun Xiao. Object-extending class transformations. *Formal Aspects of Computing*, 6(4):391–416, July 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211306.

Wray:1994:CTD

[154] J. P. Wray and A. Stewart. Correct translation of data parallel assignment onto array processors. *Formal Aspects of Computing*, 6(4):417–439, July 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211307.

Dybjer:1994:IF

[155] Peter Dybjer. Inductive families. *Formal Aspects of Computing*, 6(4):440–465, July 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211308.

Prasetya:1994:EUS

[156] I. S. W. B. Prasetya. Error in the UNITY substitution rule for subscripted operators. *Formal Aspects of Computing*, 6(4):466–470, July 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211309.

Pitt:1994:RSU

[157] David Pitt and Paddy Byers. The rest stays unchanged (concurrency and state-based specification). *Formal Aspects of Computing*, 6(5): 471–494, September 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211864.

Sistla:1994:SLF

[158] A. Prasad Sistla. Safety, liveness and fairness in temporal logic. *Formal Aspects of Computing*, 6(5): 495–511, September 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211865.

Hansson:1994:LRA

[159] Hans Hansson and Bengt Jonsson. A logic for reasoning about time and reliability. *Formal Aspects of Computing*, 6(5):512–535, September 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211866.

Tofts:1994:PPP

[160] Chris Tofts. Processes with probabilities, priority and time. *Formal Aspects of Computing*, 6(5):536–564, September 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211867.

Larsen:1994:RFS

[161] Peter Gorm Larsen. Response to "The formal specification of safety requirements for storing explosives". *Formal Aspects of Computing*, 6(5): 565–568, September 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211868. See [123].

Houston:1994:SDC

[162] Iain S. C. Houston and Mark B. Josephs. Specifying distributed CICS in Z: Accessing local and remote resources. *Formal Aspects of Computing*, 6(5):569–579, September 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211869.

Lamport:1994:HWL

[163] Leslie Lamport. How to write a long formula. *Formal Aspects of Computing*, 6(5):580–584, September 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211870.

Cooke:1994:E

[164] John Cooke. Editorial. *Formal Aspects of Computing*, 6(6):585, December 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF03259386; http://link.springer.com/article/10.1007/BF03259386.

Larsen:1994:FSD

[165] Peter Gorm Larsen, Nico Plat, and Hans Toetenel. A formal semantics of data flow diagrams. *Formal Aspects of Computing*, 6(6):586–606, December 1994. CODEN FACME5. ISSN

0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03259387.

Chandy:1994:PCP

[166] K. Mani Chandy. Properties of concurrent programs. *Formal Aspects of Computing*, 6(6):607–619, December 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03259388.

Avron:1994:SSD

[167] Arnon Avron and Nada Sasson. Stability, sequentiality and demand driven evaluation in dataflow. *Formal Aspects of Computing*, 6(6):620–642, December 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03259389.

Jifeng:1994:SVP

[168] He Jifeng and Jonathan Bowen. Specification, verification and prototyping of an optimized compiler. *Formal Aspects of Computing*, 6(6):643–658, December 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03259390.

Minamide:1994:SAB

[169] Yasuhiko Minamide. Sharing analysis based on type inference. *Formal Aspects of Computing*, 6(6):659–675, December 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03259391.

Inverardi:1994:APR

[170] Paola Inverardi, Corrado Priami, and Daniel Yankelevich. Automatizing parametric reasoning on distributed concurrent systems. *Formal Aspects of Computing*, 6(6):676–695, December 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03259392.

Stannett:1994:ICS

[171] Mike Stannett. Infinite concurrent systems — I. The relationship between metric and order convergence. *Formal Aspects of Computing*, 6(6): 696–715, December 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03259393.

Stomp:1994:PSR

[172] F. A. Stomp and W.-R de Roever. A principle for sequential reasoning about distributed algorithms. *Formal Aspects of Computing*, 6(6):716–737, December 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF03259394.

deBoer:1994:E

[173] F. S. de Boer, E.-R. Olderog, A. Ponse, and F.-J. de Vries. Editorial. *Formal Aspects of Computing*, 6(1S):741–742, 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01213600; http://link.springer.com/article/10.1007/BF01213600.

Apt:1994:RAP

[174] Krzysztof R. Apt and Elena Marchiori. Reasoning about Prolog programs: From modes through types to assertions. *Formal Aspects of Computing*, 6(1S):743–765, 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213601.

vanEijck:1994:PFC

[175] Jan van Eijck. Presupposition failure — a comedy of errors. *Formal Aspects of Computing*, 6(1S):766–787, 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213602.

Bonsangue:1994:WPC

[176] Marcello M. Bonsangue and Joost N. Kok. The weakest precondition calculus: Recursion and duality. *Formal Aspects of Computing*, 6(1S):788–800, 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213603.

Hooman:1994:EHL

[177] Jozef Hooman. Extending Hoare logic to real-time. *Formal Aspects of Computing*, 6(1S):801–825, 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213604.

Hansen:1994:MCD

[178] Michael R. Hansen. Model-checking discrete duration calculus. *Formal Aspects of Computing*, 6(1S):826–845, 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213605.

Atkinson:1994:BR

[179] M. D. Atkinson and Julian Bradfield. Book reviews. *Formal Aspects of Computing*, 6(1S):846–848, 1994. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213606.

Hofstee:1995:JVS

[180] H. Peter Hofstee. On Jan L. A. van de Snepscheut's "The Sliding-Window Protocol Revisited". *Formal Aspects of Computing*, 7(1):1–2, January 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01214619; http://link.springer.com/article/10.1007/BF01214619. See [181].

vandeSnepscheut:1995:SWP

[181] Jan L. A. van de Snepscheut. The sliding-window protocol revisited. *Formal Aspects of Computing*, 7(1):3–17, January 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214620. See comment [180].

Costa:1995:PAC

[182] J. F. Costa and A. Sernadas. Progress assumption in concurrent systems. *Formal Aspects of Computing*, 7(1):18–36, January 1995. CODEN FACME5. ISSN 0934-5043 (print),

1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214621.

Butler:1995:ASU

[183] Michael Butler and Carroll Morgan. Action systems, unbounded nondeterminism, and infinite traces. *Formal Aspects of Computing*, 7(1):37–53, January 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214622.

King:1995:ERC

[184] Steve King and Carroll Morgan. Exits in the refinement calculus. *Formal Aspects of Computing*, 7(1):54–76, January 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214623.

Lescanne:1995:TRS

[185] Pierre Lescanne. Termination of rewrite systems by elementary interpretations. *Formal Aspects of Computing*, 7(1):77–90, January 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214624.

Coenen:1995:HLV

[186] J. Coenen. Hoare's logic and VDM. *Formal Aspects of Computing*, 7(1):91–105, January 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214625.

vonWright:1995:BR

[187] Joakim von Wright, Peter Jeavons, Julian Bradfield, Muffy Thomas, and David Lester. Book reviews. *Formal Aspects of Computing*, 7(1):106–110, January 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214626.

Cooke:1995:E

[188] John Cooke. Editorial. *Formal Aspects of Computing*, 7(2):111–112, March 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01211601; http://link.springer.com/article/10.1007/BF01211601.

Kobayashi:1995:ACM

[189] Naoki Kobayashi and Akinori Yonezawa. Asynchronous communication model based on linear logic. *Formal Aspects of Computing*, 7(2):113–149, March 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211602. See note [286].

Spivey:1995:UCS

[190] J. M. Spivey. Unification: A case-study in data refinement. *Formal Aspects of Computing*, 7(2):150–168, March 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211603.

Rewitzky:1995:PTP

[191] I. Rewitzky and C. Brink. Predicate transformers as power operations. *Formal Aspects of Computing*, 7(2):169–182, March 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211604`.

Vadera:1995:PAM

[192] Sunil Vadera. Proof by analogy in mural. *Formal Aspects of Computing*, 7(2):183–206, March 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211605`.

Todd:1995:FME

[193] Bryan S. Todd, FRCS and Richard Stamper. A formal model of explanation. *Formal Aspects of Computing*, 7(2):207–225, March 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211606`.

Mukherjee:1995:BR

[194] Paul Mukherjee, John Stell, and Carron Kirkwood. Book reviews. *Formal Aspects of Computing*, 7(2):226–229, March 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211607`.

Lynch:1995:CST

[195] Nancy Lynch and Roberto Segala. A comparison of simulation techniques and algebraic techniques for verifying concurrent systems. *Formal Aspects of Computing*, 7(3):231–265, May 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211073`.

Sinclair:1995:ERS

[196] Jane Sinclair and Jim Woodcock. Event refinement in state-based concurrent systems. *Formal Aspects of Computing*, 7(3):266–288, May 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211074`.

Smith:1995:FAS

[197] Graeme Smith. A fully abstract semantics of classes for Object-Z. *Formal Aspects of Computing*, 7(3):289–313, May 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211075`.

Leth:1995:SFC

[198] Lone Leth and Bent Thomsen. Some facile chemistry. *Formal Aspects of Computing*, 7(3):314–328, May 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211076`.

Hayes:1995:UUM

[199] Ian J. Hayes and Brendan P. Mahony. Using units of measurement in formal specifications. *Formal Aspects of Computing*, 7(3):329–347, May 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211077`.

Walsh:1995:BR

[200] Toby Walsh, K. J. Turner, and Jan Joris Vereijken. Book reviews. *Formal Aspects of Computing*, 7 (3):348–351, May 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211078.

Dijkstra:1995:DSF

[201] Rutger M. Dijkstra. DUALITY: A simple formalism for the analysis of UNITY. *Formal Aspects of Computing*, 7(4):353–388, July 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211214.

Hesselink:1995:SPR

[202] Wim H. Hesselink. Safety and progress of recursive procedures. *Formal Aspects of Computing*, 7(4):389–411, July 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211215.

Thompson:1995:LMR

[203] Simon Thompson. A logic for Miranda, revisited. *Formal Aspects of Computing*, 7(4):412–429, July 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211216.

Hayes:1995:SIS

[204] I. J. Hayes and J. W. Sanders. Specification by interface separation. *Formal Aspects of Computing*, 7(4):430–439, July 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211217.

Valmari:1995:CFB

[205] Antti Valmari and Martti Tienari. Compositional failure-based semantic models for Basic LOTOS. *Formal Aspects of Computing*, 7(4):440–468, July 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211218.

Brock:1995:BR

[206] Simon Brock and P. Gibson. Book reviews. *Formal Aspects of Computing*, 7(4):469–472, July 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211219.

Ladkin:1995:IMF

[207] Peter B. Ladkin and Stefan Leue. Interpreting message flow graphs. *Formal Aspects of Computing*, 7(5):473–509, September 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211629.

Liu:1995:VSR

[208] Zhiming Liu, Mathai Joseph, and Tomasz Janowski. Verification of schedulability for real-time programs. *Formal Aspects of Computing*, 7(5):510–532, September 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211630.

Barringer:1995:MI

[209] H. Barringer, M. Fisher, D. Gabbay, G. Gough, and R. Owens. MetateM: An introduction. *Formal Aspects of Computing*, 7(5):533–549, September 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211631.

Engelhardt:1995:TPA

[210] Kai Engelhardt and Willem-Paul de Roever. Towards a practitioners' approach to Abadi and Lamport's method. *Formal Aspects of Computing*, 7(5):550–575, September 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211632.

Leino:1995:MSP

[211] K. Rustan M. Leino. A method for showing progress. *Formal Aspects of Computing*, 7(5):576–580, September 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211633.

Mitchell:1995:BR

[212] W. P. R. Mitchell, Alan Hamilton, A. J. McIsaac, and Iain Stewart. Book reviews. *Formal Aspects of Computing*, 7(5):581–585, September 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211634.

Noel:1995:TBS

[213] Philippe Noël. A transformation-based synthesis of temporal specifications. *Formal Aspects of Computing*, 7(6):587–619, November 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01210997.

Maung:1995:SSS

[214] Ian Maung. On simulation, subtyping and substitutability in sequential object systems. *Formal Aspects of Computing*, 7(6):620–651, November 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01210998.

Naumann:1995:DRC

[215] David A. Naumann. Data refinement, call by value and higher order programs. *Formal Aspects of Computing*, 7(6):652–662, November 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01210999.

Gorlatch:1995:PDC

[216] Sergei Gorlatch and Christian Lengauer. Parallelization of divide-and-conquer in the Bird–Meertens formalism. *Formal Aspects of Computing*, 7(6):663–682, November 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211000.

Manohar:1995:CC

[217] Rajit Manohar, K. Rustan, and M. Leino. Conditional composition. *Formal Aspects of Computing*, 7(6):683–703, November 1995. CODEN

FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211001.

Mukherjee:1995:TOS

[218] Paul Mukherjee and Victoria Stavridou. A theory of Orwellian specifications with NewThink. *Formal Aspects of Computing*, 7(6):704–727, November 1995. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211002.

Broy:1996:E

[219] Manfred Broy and Cliff Jones. Editorial. *Formal Aspects of Computing*, 8(1):1–2, January 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01211048; http://link.springer.com/article/10.1007/BF01211048.

Alencar:1996:LFE

[220] Paulo S. C. Alencar and Carlos J. P. de Lucena. A logical framework for evolving software systems. *Formal Aspects of Computing*, 8(1):3–46, January 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211049.

Larsen:1996:SUD

[221] Peter Gorm Larsen and Bo Stig Hansen. Semantics of underdetermined expressions. *Formal Aspects of Computing*, 8(1):47–66, January 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211050.

Seidel:1996:SDV

[222] Karen Seidel and Paul Gardiner. Structured development of a virtual shared memory system. *Formal Aspects of Computing*, 8(1):67–85, January 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211051.

Simons:1996:ALS

[223] Martin Simons and Matthias Weber. An approach to literate and structured formal developments. *Formal Aspects of Computing*, 8(1):86–107, January 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211052.

Billington:1996:CIG

[224] David Billington and R. Geoff Dromey. The co-invariant generator: An aid in deriving loop bodies. *Formal Aspects of Computing*, 8(1):108–126, January 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211053.

Stolen:1996:SRN

[225] Ketil Stølen, Frank Dederichs, and Rainer Weber. Specification and refinement of networks of asynchronously communicating agents using the assumption/commitment paradigm. *Formal Aspects of Computing*, 8(2):127–161, March 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http:

//link.springer.com/article/10.1007/BF01214554.

Krishnan:1996:AC

[226] Padmanabhan Krishnan. Architectural CCS. *Formal Aspects of Computing*, 8(2):162–187, March 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214555.

Baeten:1996:DTP

[227] J. C. M. Baeten and J. A. Bergstra. Discrete time process algebra. *Formal Aspects of Computing*, 8(2):188–208, March 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214556.

Brown:1996:RHC

[228] Geoffrey Brown, Wayne Luk, and John O'Leary. Retargeting a hardware compiler using protocol converters. *Formal Aspects of Computing*, 8(2):209–237, March 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214557.

Hussak:1996:CPR

[229] Walter Hussak. On CCS with parametric relabelling. *Formal Aspects of Computing*, 8(2):238–244, March 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214558.

Bowen:1996:BR

[230] Jonathan Bowen and Dieter Gollmann. Book reviews. *Formal Aspects of Computing*, 8(2):245–246, March 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01214559; http://link.springer.com/article/10.1007/BF01214559.

Castagna:1996:IPA

[231] Giuseppe Castagna. Integration of parametric and "ad hoc" second order polymorphism in a calculus with subtyping. *Formal Aspects of Computing*, 8(3):247–293, May 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214916.

Zhou:1996:CVR

[232] Ping Zhou, Jozef Hooman, and Ruurd Kuiper. Compositional verification of real-time systems with explicit clock temporal logic. *Formal Aspects of Computing*, 8(3):294–323, May 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214917.

Back:1996:SRR

[233] R. J. R. Back and K. Sere. Superposition refinement of reactive systems. *Formal Aspects of Computing*, 8(3):324–346, May 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214918.

Duke:1996:BMR

[234] Roger Duke, Cecily Bailes, and Graeme Smith. A blocking model for reactive

objects. *Formal Aspects of Computing*, 8(3):347–368, May 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214919.

Spivey:1996:CTF

[235] Michael Spivey. The consistency theorem for free type definitions in Z. *Formal Aspects of Computing*, 8(3):369–375, May 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214920.

Matthews:1996:BR

[236] Brian Matthews, Andrew Blyth, and J. S. Fitzgerald. Book reviews. *Formal Aspects of Computing*, 8(3):376–378, May 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01214921.

Hennessy:1996:PSM

[237] M. Hennessy and H. Lin. Proof systems for message-passing process algebras. *Formal Aspects of Computing*, 8(4):379–407, July 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213531.

Scholefield:1996:RTR

[238] David Scholefield. Real-time refinement in Manna and Pnueli's temporal logic. *Formal Aspects of Computing*, 8(4):408–427, July 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213532.

Beierle:1996:SCP

[239] Christoph Beierle and Egon Börger. Specification and correctness proof of a WAM extension with abstract type constraints. *Formal Aspects of Computing*, 8(4):428–462, July 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213533.

Ronn:1996:ICT

[240] Stefan Rönn. Invariants and closures in the theory of rewrite systems. *Formal Aspects of Computing*, 8(4):463–478, July 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213534.

Martin:1996:TCA

[241] A. P. Martin, P. H. B. Gardiner, and J. C. P. Woodcock. A tactic calculus — abridged version. *Formal Aspects of Computing*, 8(4):479–489, July 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213535.

Harman:1996:SPP

[242] Mark Harman, Dan Simpson, and Sebastian Danicic. Slicing programs in the presence of errors. *Formal Aspects of Computing*, 8(4):490–497, July 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213536.

Kirkwood:1996:BR

[243] Carron Kirkwood. Book review. *Formal Aspects of Computing*, 8(4):498, July 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/BF01213537; http://link.springer.com/article/10.1007/BF01213537.

Lynch:1996:ATT

[244] Nancy Lynch and Frits Vaandrager. Action transducers and timed automata. *Formal Aspects of Computing*, 8(5):499–538, September 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211907.

Beierle:1996:RTW

[245] Christoph Beierle and Egon Börger. Refinement of a typed WAM extension by polymorphic order-sorted types. *Formal Aspects of Computing*, 8(5):539–564, September 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211908.

Spivey:1996:RTZ

[246] Michael Spivey. Richer types for Z. *Formal Aspects of Computing*, 8(5):565–584, September 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211909.

Smolka:1996:PEP

[247] Scott A. Smolka and Bernhard Steffen. Priority as extremal probability. *Formal Aspects of Computing*, 8(5):585–606, September 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211910.

Graf:1996:CMF

[248] Susanne Graf, Bernhard Steffen, and Gerald Lüttgen. Compositional minimisation of finite state systems using interface specifications. *Formal Aspects of Computing*, 8(5):607–616, September 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211911.

Morgan:1996:ROP

[249] Carroll Morgan, Annabelle McIver, Karen Seidel, and J. W. Sanders. Refinement-oriented probability for CSP. *Formal Aspects of Computing*, 8(6):617–647, November 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213492.

Ponse:1996:CPB

[250] Alban Ponse. Computable processes and bisimulation equivalence. *Formal Aspects of Computing*, 8(6):648–678, November 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213493.

Zucker:1996:TNI

[251] J. I. Zucker. Transformations of normal and inverted function tables. *Formal Aspects of Computing*, 8(6):

679–705, November 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213494.

Breu:1996:ASF

[252] Ruth Breu and Elena Zucca. An algebraic semantic framework for object oriented languages with concurrency (extended abstract). *Formal Aspects of Computing*, 8(6):706–715, November 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213495.

Sitaraman:1996:IPC

[253] Murali Sitaraman. Impact of performance considerations on formal specification design. *Formal Aspects of Computing*, 8(6):716–736, November 1996. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01213496.

Bezem:1997:FPA

[254] Marc Bezem, Roland Bol, and Jan Friso Groote. Formalizing process algebraic verifications in the calculus of constructions. *Formal Aspects of Computing*, 9(1):1–48, January 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212523.

Palsberg:1997:TIN

[255] Jens Palsberg, Mitchell Wand, and Patrick O'Keefe. Type inference with non-structural subtyping. *Formal Aspects of Computing*, 9(1):49–67, January 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212524.

Caswell:1997:EFS

[256] M. J. A. Caswell. Equivalence of formal semantics definition methods. *Formal Aspects of Computing*, 9(1):68–77, January 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212525.

Nishimura:1997:SFL

[257] Susumu Nishimura. A strict functional language with cyclic recursive data. *Formal Aspects of Computing*, 9(1):78–97, January 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212526.

Krogdahl:1997:VDL

[258] Stein Krogdahl and Olav Lysne. Verifying a distributed list system: A case history. *Formal Aspects of Computing*, 9(1):98–118, January 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01212527.

Koutny:1997:TIR

[259] Maciej Koutny, Luigi V. Mancini, and Giuseppe Pappalardo. Two implementation relations and the correctness of communicating replicated processes. *Formal Aspects of Computing*, 9(2):119–148, March 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211616.

Xu:1997:RGM

[260] Qiwen Xu, Willem-Paul de Roever, and Jifeng He. The rely-guarantee method for verifying shared variable concurrent programs. *Formal Aspects of Computing*, 9(2):149–174, March 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211617`.

Fidge:1997:ABF

[261] C. J. Fidge and A. J. Wellings. An action-based formal model for concurrent real-time systems. *Formal Aspects of Computing*, 9(2):175–207, March 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211618`.

Hesselink:1997:MPS

[262] Wim H. Hesselink. A mechanical proof of Segall's PIF algorithm. *Formal Aspects of Computing*, 9(2):208–226, March 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211619`.

Wing:1997:E

[263] Jeannette Wing. Editorial. *Formal Aspects of Computing*, 9(3):227–228, May 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/BF01211083`; `http://link.springer.com/article/10.1007/BF01211083`.

Sannella:1997:ECA

[264] Donald Sannella and Andrzej Tarlecki. Essential concepts of algebraic specification and program development. *Formal Aspects of Computing*, 9(3):229–269, May 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211084`.

Dijkstra:1997:PTP

[265] Rutger M. Dijkstra and Beverly A. Sanders. A predicate transformer for the progress property 'to-always'. *Formal Aspects of Computing*, 9(3):270–282, May 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211085`.

Hansen:1997:DCL

[266] Michael R. Hansen and Zhou Chaochen. Duration calculus: Logical foundations. *Formal Aspects of Computing*, 9(3):283–330, May 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211086`.

Ross:1997:RPB

[267] Brian J. Ross. Running programs backwards: The logical inversion of imperative computation. *Formal Aspects of Computing*, 9(3):331–348, May 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211087`.

OHalloran:1997:UFS

[268] C. O'Halloran, R. Arthan, and D. King. Using a formal specification contractually. *Formal Aspects of Computing*, 9(4):349–358, July 1997. CODEN

FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211295`.

Jutla:1997:MDP

[269] Charanjit S. Jutla and Josyula R. Rao. A methodology for designing proof rules for fair parallel programs. *Formal Aspects of Computing*, 9(4):359–378, July 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211296`.

Kneuper:1997:LFM

[270] Ralf Kneuper. Limits of formal methods. *Formal Aspects of Computing*, 9(4):379–394, July 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211297`.

Josephs:1997:USA

[271] Mark B. Josephs and Andrew M. Bailey. The use of SI–Algebra in the design of sequencer circuits. *Formal Aspects of Computing*, 9(4):395–408, July 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211298`.

Kindler:1997:PNB

[272] Ekkart Kindler, Wolfgang Reisig, Hagen Völzer, and Rolf Walter. Petri net based verification of distributed algorithms: An example. *Formal Aspects of Computing*, 9(4):409–424, July 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211299`.

Baier:1997:CBI

[273] Christel Baier and Mila Majster-Cederbaum. The connection between initial and unique solutions of domain equations in the partial order and metric approach. *Formal Aspects of Computing*, 9(4):425–445, July 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211300`.

Cooke:1997:E

[274] John Cooke. Editorial. *Formal Aspects of Computing*, 9(5–6):447, September 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/BF01211454; http://link.springer.com/article/10.1007/BF01211454`.

Hesselink:1997:TMP

[275] Wim H. Hesselink. Theories for mechanical proofs of imperative programs. *Formal Aspects of Computing*, 9(5–6):448–468, September 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211455`.

Back:1997:SCP

[276] Ralph Back, Jim Grundy, and Joakim von Wright. Structured calculational proof. *Formal Aspects of Computing*, 9(5–6):469–483, September 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/BF01211456`.

Parent-Vigouroux:1997:VPC

[277] Catherine Parent-Vigouroux. Verifying programs in the calculus of inductive constructions. *Formal Aspects of Computing*, 9(5–6):484–517, September 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211457.

Knijnenburg:1997:SCA

[278] Peter M. W. Knijnenburg and Joost N. Kok. The semantics of the combination of atomized statements and parallel choice. *Formal Aspects of Computing*, 9(5–6):518–536, September 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211458.

OLeary:1997:VCC

[279] John O'Leary, Geoffrey Brown, and Wayne Luk. Verified compilation of communicating processes into clocked circuits. *Formal Aspects of Computing*, 9(5–6):537–559, September 1997. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/BF01211459.

Rewitzky:1998:UFV

[280] Ingrid Rewitzky and Chris Brink. Unification of four versions of program semantics. *Formal Aspects of Computing*, 10(1):1–29, September 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003923.

Korver:1998:FAA

[281] Henri Korver and Alex Sellink. A formal axiomatization for alphabet reasoning with parametrized processes. *Formal Aspects of Computing*, 10(1):30–42, September 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003924.

Korver:1998:EVU

[282] Henri Korver and Alex Sellink. Example verifications using alphabet axioms. *Formal Aspects of Computing*, 10(1):43–58, September 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003925.

Leavens:1998:PIS

[283] Gary T. Leavens and Jeannette M. Wing. Protective interface specifications. *Formal Aspects of Computing*, 10(1):59–75, September 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003926.

Morris:1998:PNP

[284] Joseph M. Morris and Alexander Bunkenburg. Partiality and nondeterminacy in program proofs. *Formal Aspects of Computing*, 10(1):76–96, September 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003927.

Derrick:1998:SRI

[285] John Derrick, Eerke Boiten, Howard Bowman, and Maarten Steen. Specifying and refining internal operations in Z. *Formal Aspects of Computing*, 10 (2):125–159, November 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050007.

deGroote:1998:NKY

[286] Philippe de Groote and Guy Perrier. A note on Kobayashi's and Yonezawa's "Asynchronous Communication Model Based on Linear Logic". *Formal Aspects of Computing*, 10(2): 160–170, November 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050008. See [189].

Nipkow:1998:WAR

[287] Tobias Nipkow. Winskel is (almost) right: Towards a mechanized semantics textbook. *Formal Aspects of Computing*, 10(2):171–186, November 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050009.

Hayes:1998:EPS

[288] Ian J. Hayes. Expressive power of specification languages. *Formal Aspects of Computing*, 10(2):187–192, November 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050010.

Dingel:1998:TFT

[289] J. Dingel, D. Garlan, S. Jha, and D. Notkin. Towards a formal treatment of implicit invocation using Rely/guarantee reasoning. *Formal Aspects of Computing*, 10(3):193–213, March 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050011.

Jonker:1998:KTR

[290] Jan Eppo Jonker. Knaster–Tarski revisited. *Formal Aspects of Computing*, 10(3):214–232, March 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050012.

Paige:1998:HNP

[291] Richard F. Paige. Heterogeneous notations for pure formal method integration. *Formal Aspects of Computing*, 10(3):233–242, March 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050013.

Henson:1998:SLZ

[292] Martin C. Henson. The standard logic of Z is inconsistent. *Formal Aspects of Computing*, 10(3):243–247, March 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050014.

Leonard:1998:FDT

[293] Luc Léonard and Guy Leduc. A formal definition of time in LOTOS. *Formal Aspects of Computing*, 10

(3):248–266, March 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050015.

Cavalcanti:1998:ZRC

[294] Ana Cavalcanti and Jim Woodcock. ZRC — a refinement calculus for Z. *Formal Aspects of Computing*, 10 (3):267–289, March 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050016.

Hehner:1998:FTS

[295] Eric C. R. Hehner. Formalization of time and space. *Formal Aspects of Computing*, 10(3):290–306, March 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050017.

Anonymous:1998:BR

[296] Anonymous. Book reviews. *Formal Aspects of Computing*, 10(3): 307–310, March 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050018.

Gnesi:1998:E

[297] Stefania Gnesi and Diego Latella. Editorial. *Formal Aspects of Computing*, 10(4):311–312, April 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650050019; http://link.springer.com/article/10.1007/s001650050019.

Bernardo:1998:FPM

[298] Marco Bernardo, Roberto Gorrieri, and Marco Roccetti. Formal performance modelling and evaluation of an adaptive mechanism for packetised audio over the Internet. *Formal Aspects of Computing*, 10(4):313–337, April 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050020.

Boralv:1998:CSF

[299] Arne Borälv. Case study: Formal verification of a computerized railway interlocking. *Formal Aspects of Computing*, 10(4):338–360, April 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050021.

Cimatti:1998:FVR

[300] A. Cimatti, F. Giunchiglia, G. Mongardi, D. Romano, F. Torielli, and P. Traverso. Formal verification of a railway interlocking system using model checking. *Formal Aspects of Computing*, 10(4):361–380, April 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050022.

Ochsenschlager:1998:SVT

[301] P. Ochsenschläger, J. Repp, R. Rieke, and U. Nitsche. The SH-Verification tool — abstraction-based verification of co-operating systems. *Formal Aspects of Computing*, 10(4):381–404, April 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

URL http://link.springer.com/article/10.1007/s001650050023.

Faconti:1998:MVP

[302] G. P. Faconti and M. Massink. Modelling and verification of PREMO synchronisable objects. *Formal Aspects of Computing*, 10(4):405–434, April 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050024.

Groote:1998:E

[303] Jan Friso Groote, Bas Luttik, and Jos van Wamel. Editorial. *Formal Aspects of Computing*, 10(5–6):435, May 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650050025; http://link.springer.com/article/10.1007/s001650050025.

Gaudel:1998:TAD

[304] Marie-Claude Gaudel and Perry R. James. Testing algebraic data types and processes: A unifying theory. *Formal Aspects of Computing*, 10(5–6):436–451, May 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050026.

Anderson:1998:DPA

[305] Stuart Anderson and Konstantinos Tourlas. Design for proof: An approach to the design of domain–specific languages. *Formal Aspects of Computing*, 10(5–6):452–468, May 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050027.

Dams:1998:POR

[306] Dennis Dams, Rob Gerth, Bart Knaack, and Ruurd Kuiper. Partial-order reduction techniques for real-time model checking. *Formal Aspects of Computing*, 10(5–6):469–482, May 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050028.

Vassiliou-Gioles:1998:CSP

[307] Theofanis Vassiliou-Gioles and Ina Schieferdecker. Case study in protocol validation: Validating an ATM signalling protocol. *Formal Aspects of Computing*, 10(5–6):483–508, May 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050029.

Shankland:1998:TIP

[308] Carron Shankland and Mark van der Zwaag. The tree identify protocol of IEEE 1394 in μCRL. *Formal Aspects of Computing*, 10(5–6):509–531, May 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050030.

Bicarregui:1998:IIT

[309] Juan Bicarregui, Brian Matthews, Brian Ritchie, and Sten Agerholm. Investigating the integration of two formal methods. *Formal Aspects of Computing*, 10(5–6):532–549, May 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

URL http://link.springer.com/article/10.1007/s001650050031.

Bowman:1998:AVL

[310] H. Bowman, G. Faconti, J.-P. Katoen, D. Latella, and M. Massink. Automatic verification of a lip-synchronisation protocol using Uppaal. *Formal Aspects of Computing*, 10(5–6):550–575, May 1998. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050032.

Duce:1999:CFS

[311] David Duce, David Duke, Giorgio Faconti, and Ivan Herman. The changing face of standardization: A place for formal methods? *Formal Aspects of Computing*, 11(1):1–20, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050033.

Hung:1999:PDC

[312] Dang Van Hung and Zhou Chaochen. Probabilistic duration calculus for continuous time. *Formal Aspects of Computing*, 11(1):21–44, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050034.

Hesselink:1999:VID

[313] Wim H. Hesselink. The verified incremental design of a distributed spanning tree algorithm: Extended abstract. *Formal Aspects of Computing*, 11(1):45–55, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050035.

Leino:1999:CPE

[314] K. Rustan M. Leino. Computing permutation encodings. *Formal Aspects of Computing*, 11(1):56–74, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050036.

Mahony:1999:LCR

[315] Brendan P. Mahony. The least conjunctive refinement and promotion in the refinement calculus. *Formal Aspects of Computing*, 11(1):75–105, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050037.

Duke:1999:CSS

[316] David Duke, Bob Fields, and Michael D. Harrison. A case study in the specification and analysis of design alternatives for a user interface. *Formal Aspects of Computing*, 11(2):107–131, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050044.

Bowman:1999:ACB

[317] Howard Bowman and Giorgio Faconti. Analysing cognitive behaviour using LOTOS and Mexitl. *Formal Aspects of Computing*, 11(2):132–159, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050045.

Nesi:1999:FVP

[318] Monica Nesi. Formalising a value-passing calculus in HOL. *Formal Aspects of Computing*, 11(2): 160–199, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050046.

Bird:1999:GFN

[319] Richard Bird and Ross Paterson. Generalised folds for nested datatypes. *Formal Aspects of Computing*, 11(2): 200–222, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050047.

Anonymous:1999:E

[320] Anonymous. Editorial. *Formal Aspects of Computing*, 11(3):223–224, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650050048; http://link.springer.com/article/10.1007/s001650050048.

Bertot:1999:CSD

[321] Yves Bertot. The CtCoq system: Design and architecture. *Formal Aspects of Computing*, 11(3): 225–243, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050049.

Bornat:1999:MGU

[322] Richard Bornat and Bernard Sufrin. A minimal graphical user interface for the Jape proof calculator. *Formal Aspects of Computing*, 11(3): 244–271, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050050.

Goguen:1999:SSA

[323] Joseph Goguen. Social and semiotic analyses for theorem prover user interface design 1. *Formal Aspects of Computing*, 11(3):272–301, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050051.

Ireland:1999:IPC

[324] Andrew Ireland, Michael Jackson, and Gordon Reid. Interactive proof critics. *Formal Aspects of Computing*, 11 (3):302–325, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050052.

Siekmann:1999:LUI

[325] Jörg Siekmann, Stephan Hess, Christoph Benzmüller, Lassaad Cheikhrouhou, Armin Fiedler, Helmut Horacek, Michael Kohlhase, Karsten Konrad, Andreas Meier, Erica Melis, Martin Pollet, and Volker Sorge. LΩUI: Lovely ΩMEGA user interface. *Formal Aspects of Computing*, 11(3): 326–342, September 1999. CODEN FACME5. ISSN 0934-5043 (print),

1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050053.

Takahashi:1999:PEH

[326] Koichi Takahashi and Masami Hagiya. Proving as editing HOL tactics. *Formal Aspects of Computing*, 11(3):343–357, September 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050054.

Henson:1999:RZPa

[327] Martin C. Henson and Steve Reeves. Revising Z: Part I — logic and semantics. *Formal Aspects of Computing*, 11(4):359–380, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050038.

Henson:1999:RZPb

[328] Martin C. Henson and Steve Reeves. Revising Z: Part II — logical development. *Formal Aspects of Computing*, 11(4):381–401, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050039.

Sistla:1999:PVL

[329] A. Prasad Sistla and Viktor Gyuris. Parameterized verification of linear networks using automata as invariants. *Formal Aspects of Computing*, 11(4):402–425, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050040.

Audebaud:1999:DPR

[330] Philippe Audebaud and Elena Zucca. Deriving proof rules from continuation semantics. *Formal Aspects of Computing*, 11(4):426–447, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050041.

Roux:1999:HVR

[331] Olivier Roux, Vlad Rusu, and Franck Cassez. Hybrid verifications of reactive programs. *Formal Aspects of Computing*, 11(4):448–471, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050042.

King:1999:SLZ

[332] Steve King. 'The standard logic for Z': A clarification. *Formal Aspects of Computing*, 11(4):472–473, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650050043; http://link.springer.com/article/10.1007/s001650050043.

Felty:1999:CCS

[333] Amy Felty and Frank Stomp. Cache coherency in SCI: Specification and a sketch of correctness. *Formal Aspects of Computing*, 11(5):475–497, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050055.

Banach:1999:SRM

[334] R. Banach and M. Poppleton. Sharp retrenchment, modulated refinement and simulation. *Formal Aspects of Computing*, 11(5):498–540, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050056.

Kleymann:1999:HLA

[335] Thomas Kleymann. Hoare logic and auxiliary variables. *Formal Aspects of Computing*, 11(5):541–566, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050057.

Pitt:1999:OAP

[336] D. H. Pitt and M. W. Shields. Overtaking in asynchronous periodic systems. *Formal Aspects of Computing*, 11 (5):567–590, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650050058.

Jackson:1999:NAM

[337] Daniel Jackson, Yu-Chung Ng, and Jeannette Wing. A nitpick analysis of Mobile IPv6. *Formal Aspects of Computing*, 11(6):591–615, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001659970001.

Hesselink:1999:PTR

[338] Wim H. Hesselink. Predicate transformers for recursive procedures with local variables. *Formal Aspects of Computing*, 11(6):616–636, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001659970002.

Latella:1999:AVB

[339] Diego Latella, Istvan Majzik, and Mieke Massink. Automatic verification of a behavioural subset of UML statechart diagrams using the SPIN model-checker. *Formal Aspects of Computing*, 11(6):637–664, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001659970003.

Duke:1999:FCA

[340] David Duke and David Duce. The formalization of a cognitive architecture and its application to reasoning about human computer interaction. *Formal Aspects of Computing*, 11(6): 665–689, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001659970004.

Kreowski:1999:GTU

[341] Hans-Jörg Kreowski and Sabine Kuske. Graph transformation units with interleaving semantics. *Formal Aspects of Computing*, 11(6):690–723, December 1999. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001659970005.

Bergstra:2000:PAC

[342] J. A. Bergstra and M. E. Loots. Program algebra for component code.

Formal Aspects of Computing, 12 (1):1–17, October 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003928.

Back:2000:CRS

[343] Ralph-Johan Back, Anna Mikhajlova, and Joakim von Wright. Class refinement as semantics of correct object substitutability. *Formal Aspects of Computing*, 12(1):18–40, October 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070034.

vonMohrenschildt:2000:ACF

[344] Martin von Mohrenschildt. Algebraic composition of function tables. *Formal Aspects of Computing*, 12 (1):41–51, October 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070035.

Cau:2000:CRD

[345] Antonio Cau. Composing and refining dense temporal logic specifications. *Formal Aspects of Computing*, 12(1):52–70, October 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070036.

Diehl:2000:NSD

[346] Stephan Diehl. Natural semantics–directed generation of compilers and abstract machines. *Formal Aspects of Computing*, 12(2):71–99, October 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003929.

Joshi:2000:MCP

[347] Rajeev Joshi and Jayadev Misra. Maximally concurrent programs. *Formal Aspects of Computing*, 12(2): 100–119, October 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070031.

Paynter:2000:AAD

[348] Stephen Paynter, Jim Armstrong, and Jan Haveman. ADL: An activity description language for real-time networks. *Formal Aspects of Computing*, 12(2):120–144, October 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070032.

Wing:2000:FWC

[349] Jeanette Wing and Jim Woodcock. The first world Congress on formal methods in the development of computing systems. *Formal Aspects of Computing*, 12(3):145–146, November 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/PL00011167; http://link.springer.com/article/10.1007/PL00011167.

Wehrheim:2000:DAT

[350] Heike Wehrheim. Data abstraction techniques in the validation of CSP–OZ specifications. *Formal Aspects of*

Computing, 12(3):147–164, November 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070026.

Schneider:2000:ATC

[351] Steve Schneider. Abstraction and testing in CSP. *Formal Aspects of Computing*, 12(3):165–181, November 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070027.

Butler:2000:CPA

[352] Michael Butler. csp2B: A practical approach to combining CSP and B. *Formal Aspects of Computing*, 12(3): 182–198, November 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003930.

Martin:2000:RZF

[353] Andrew P. Martin. Relating Z and first-order logic. *Formal Aspects of Computing*, 12(3):199–209, November 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070029.

Denvir:2000:CPA

[354] Tim Denvir, José Oliveira, and Nico Plat. The cash-point (ATM) 'problem'. *Formal Aspects of Computing*, 12 (4):211–215, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070012.

Larsen:2000:UVM

[355] Peter Gorm Larsen, Paul Mukherjee, and Kim Sunesen. Using VDM-Tools to model and validate the cash dispenser example. *Formal Aspects of Computing*, 12(4):216–217, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650070013; http://link.springer.com/article/10.1007/s001650070013.

Browne:2000:CPS

[356] Anca Browne, Bernd Finkbeiner, Zohar Manna, and Henny Sipma. The 'cash-point' service: A verification case study using STeP. *Formal Aspects of Computing*, 12(4):218–219, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650070014; http://link.springer.com/article/10.1007/s001650070014.

Dierks:2000:MVC

[357] Henning Dierks and Josef Tapken. Modelling and verifying of a 'cash-point service' using MOBY/ PLC. *Formal Aspects of Computing*, 12(4):220–221, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650070015; http://link.springer.com/article/10.1007/s001650070015.

Kotkas:2000:CPS

[358] Vahur Kotkas, Peep Küngas, and

Mait Harf. The cash-point service in NUT. *Formal Aspects of Computing*, 12(4):222–224, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003931.

Slotosch:2000:MVA

[359] Oscar Slotosch. Modelling and validation: AUTOFOCUS and quest. *Formal Aspects of Computing*, 12(4):225–227, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070017.

Dupuy:2000:MFA

[360] Sophie Dupuy and Lydie du Bousquet. A multi-formalism approach for the validation of UML models. *Formal Aspects of Computing*, 12(4):228–230, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070018.

Aaltonen:2000:SCP

[361] Timo Aaltonen, Pertti Kellomäki, and Risto Pitkänen. Specifying cash-point with DisCo. *Formal Aspects of Computing*, 12(4):231–232, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/PL00003932; http://link.springer.com/article/10.1007/PL00003932.

Dissoubray:2000:DAT

[362] Sylvan Dissoubray and Bernard Dion. Design of an automatic teller machine with Esterel Studio. *Formal Aspects of Computing*, 12(4):233–236, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003933.

Butterworth:2000:DCP

[363] Richard Butterworth, Ann Blandford, and David Duke. Demonstrating the cognitive plausibility of interactive system specifications. *Formal Aspects of Computing*, 12(4):237–259, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070021.

Doherty:2000:RRV

[364] Gavin J. Doherty, José C. Campos, and Michael D. Harrison. Representational reasoning and verification. *Formal Aspects of Computing*, 12(4):260–277, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003934.

Sere:2000:DRR

[365] Kaisa Sere and Marina Waldén. Data refinement of remote procedures. *Formal Aspects of Computing*, 12(4):278–297, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003935.

Fox:2000:AMC

[366] A. C. J. Fox and N. A. Harman. Algebraic models of correctness for microprocessors. *Formal Aspects of*

Computing, 12(4):298–312, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003936.

Back:2000:EDD

[367] Ralph-Johan Back and Joakim von Wright. Encoding, decoding and data refinement. *Formal Aspects of Computing*, 12(5):313–349, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070008.

Cardell-Oliver:2000:CTR

[368] Rachel Cardell-Oliver. Conformance tests for real-time systems with timed automata specifications. *Formal Aspects of Computing*, 12(5):350–371, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070009.

Staples:2000:IRR

[369] Mark Staples. Interfaces for refining recursion and procedures. *Formal Aspects of Computing*, 12(5):372–391, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070010.

Tofts:2000:SAP

[370] C. Tofts. Symbolic approaches to probability distributions in process algebra. *Formal Aspects of Computing*, 12(5):392–415, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00013291.

Jones:2000:E

[371] Cliff Jones. Editorial. *Formal Aspects of Computing*, 12(6):417, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/PL00011168; http://link.springer.com/article/10.1007/PL00011168.

Holcombe:2000:WXM

[372] Mike Holcombe. What are X-machines? *Formal Aspects of Computing*, 12(6):418–422, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070002.

Hierons:2000:TCQ

[373] R. M. Hierons and M. Harman. Testing conformance to a quasi–non-deterministic stream X-machine. *Formal Aspects of Computing*, 12(6):423–442, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070003.

Ipate:2000:GTS

[374] Florentin Ipate and Mike Holcombe. Generating test sets from non–deterministic stream X-machines. *Formal Aspects of Computing*, 12(6):443–458, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070004.

Gheorghe:2000:GSX

[375] Marian Gheorghe. Generalised stream X-machines and cooperating distributed grammar systems. *Formal Aspects of Computing*, 12(6): 459–472, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070005.

Balanescu:2000:GSX

[376] Tudor Bălănescu. Generalised stream X-machines with output delimited type. *Formal Aspects of Computing*, 12 (6):473–484, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070006.

Cowling:2000:SWU

[377] Anthony J. Cowling, Horia Georgescu, and Cristina Vertan. A structured way to use channels for communication in X-machine systems. *Formal Aspects of Computing*, 12(6): 485–500, December 2000. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650070007.

Grosu:2001:SBS

[378] Radu Grosu and Ketil Stølen. Stream-based specification of mobile systems. *Formal Aspects of Computing*, 13 (1):1–31, September 2001. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003937.

Vickers:2001:PCS

[379] Steven Vickers and Gillian Hill. Presheaves as configured specifications. *Formal Aspects of Computing*, 13(1): 32–49, September 2001. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003938.

Arias:2001:SMF

[380] José J. Pazos Arias and Jorge García Duque. SCTL-MUS: A formal methodology for software development of distributed systems. a case study. *Formal Aspects of Computing*, 13(1): 50–91, September 2001. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/PL00003939.

Cooke:2002:Ea

[381] John Cooke and Tim Denvir. Editorial. *Formal Aspects of Computing*, 13 (2):93, May 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650200000; http://link.springer.com/article/10.1007/s001650200000.

Suhl:2002:OIF

[382] Carsten Sühl. An overview of the integrated formalism RT-Z. *Formal Aspects of Computing*, 13(2):94–110, May 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200001.

Derrick:2002:CCS

[383] John Derrick and Eerke Boiten. Combining component specifications in Object-Z and CSP. *Formal Aspects of Computing*, 13(2):111–127, May 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200002.

Smith:2002:IRT

[384] Graeme Smith and Ian Hayes. An introduction to real-time Object-Z. *Formal Aspects of Computing*, 13 (2):128–141, May 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200003.

Mahony:2002:DSL

[385] Brendan Mahony and Jin Song Dong. Deep semantic links of TCSP and Object-Z: TCOZ approach. *Formal Aspects of Computing*, 13(2): 142–160, May 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200004.

Grosse-Rhode:2002:CCF

[386] Martin Große-Rhode. Compositional comparison of formal software specifications using transformation systems. *Formal Aspects of Computing*, 13(2):161–186, May 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200005.

Rydeheard:2002:CPM

[387] David E. Rydeheard and Donald T. Sannella. A collection of papers and memoirs celebrating the contribution of Rod Burstall to advances in computer science. *Formal Aspects of Computing*, 13(3–5):187–193, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200006.

Kerse:2002:ORB

[388] Eleanor Kerse. Ode to rod burstall. *Formal Aspects of Computing*, 13(3–5): 194, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650200007; http://link.springer.com/article/10.1007/s001650200007.

Landin:2002:RBP

[389] Peter Landin. Rod burstall: A personal note. *Formal Aspects of Computing*, 13(3–5):195, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650200008; http://link.springer.com/article/10.1007/s001650200008.

Popplestone:2002:PBS

[390] Robin Popplestone. POP, a broad-spectrum programming language, 1967–2002. *Formal Aspects of Computing*, 13(3–5):196–213, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200009.

MacQueen:2002:SMO

[391] David MacQueen. Should ML be object-oriented? *Formal Aspects of Computing*, 13(3–5):214–232, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200010.

Pettorossi:2002:LIS

[392] Alberto Pettorossi and Maurizio Proietti. The list introduction strategy for the derivation of logic programs. *Formal Aspects of Computing*, 13(3–5):233–251, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200011.

Bidoit:2002:ASC

[393] Michel Bidoit, Donald Sannella, and Andrzej Tarlecki. Architectural specifications in CASL. *Formal Aspects of Computing*, 13(3–5):252–273, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200012.

Goguen:2002:IM

[394] Joseph Goguen and Grigore Rosu. Institution morphisms. *Formal Aspects of Computing*, 13(3–5):274–307, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200013.

Robinson:2002:VAM

[395] Edmund Robinson. Variations on algebra: Monadicity and generalisations of equational theories. *Formal Aspects of Computing*, 13(3–5):308–326, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200014.

Leifer:2002:SLA

[396] James J. Leifer and Robin Milner. Shallow linear action graphs and their embeddings. *Formal Aspects of Computing*, 13(3–5):327–340, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200015.

Gabbay:2002:NAA

[397] Murdoch J. Gabbay and Andrew M. Pitts. A new approach to abstract syntax with variable binding. *Formal Aspects of Computing*, 13(3–5):341–363, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200016.

Plotkin:2002:TIM

[398] Gordon Plotkin. Three inadequate models. *Formal Aspects of Computing*, 13(3–5):364–385, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200017.

Pollack:2002:DTR

[399] Robert Pollack. Dependently typed records in type theory. *Formal Aspects of Computing*, 13(3–5):386–402, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200018.

Whittle:2002:PPF

[400] Jon Whittle, Alan Bundy, and Richard Boulton. Proofs-as-programs as a framework for the design of an analogy-based ML Editor. *Formal Aspects of Computing*, 13(3–5):403–421, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200019.

Barendregt:2002:ATM

[401] Henk Barendregt. The ancient theory of mind. *Formal Aspects of Computing*, 13(3–5):422–429, July 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200020.

Ipate:2002:TCC

[402] Florentin Ipate and Mike Holcombe. Testing conditions for communicating stream X-machine systems. *Formal Aspects of Computing*, 13(6):431–446, August 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200021.

Badouel:2002:DFA

[403] Éric Badouel, Benoît Caillaud, and P. Darondeau. Distributing finite automata through Petri net synthesis. *Formal Aspects of Computing*, 13(6):447–470, August 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200022.

Krogdahl:2002:VPM

[404] Stein Krogdahl and Olav Lysne. On verification of parallel message-passing processes. *Formal Aspects of Computing*, 13(6):471–492, August 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200023.

Cooke:2002:Eb

[405] John Cooke. Editorial. *Formal Aspects of Computing*, 14(1):1, October 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650200024; http://link.springer.com/article/10.1007/s001650200024.

Butler:2002:UDR

[406] Michael Butler. On the use of data refinement in the development of secure communications systems. *Formal Aspects of Computing*, 14(1):2–34, October 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200025.

Pitt:2002:LI

[407] David H. Pitt and Michael Shields. Local invariance. *Formal Aspects of Computing*, 14(1):35–54, October 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200026.

Genrich:2002:DQN

[408] Hartmann J. Genrich. Dynamical quantities in net systems. *Formal Aspects of Computing*, 14(1): 55–89, October 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200027.

Jones:2002:E

[409] Cliff Jones. Editorial. *Formal Aspects of Computing*, 14(2):91, December 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650200028; http://link.springer.com/article/10.1007/s001650200028.

Apt:2002:EWD

[410] Krzysztof R. Apt. Edsger Wybe Dijkstra (1930–2002): A portrait of a genius. *Formal Aspects of Computing*, 14(2):92–98, December 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200029.

Dijkstra:2002:ENC

[411] Edsger W. Dijkstra. EWD1300: The notational conventions I adopted, and why. *Formal Aspects of Computing*, 14 (2):99–107, December 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200030.

Chen:2002:GC

[412] Yifeng Chen. Generic composition. *Formal Aspects of Computing*, 14(2): 108–122, December 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200031.

Dingel:2002:RCS

[413] J. Dingel. A refinement calculus for shared-variable parallel and distributed programming. *Formal Aspects of Computing*, 14(2):123–197, December 2002. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650200032.

Cooke:2003:E

[414] John Cooke, Savi Maharaj, Judi Romijn, and Carron Shankland. Editorial. *Formal Aspects of Computing*, 14 (3):199, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s001650300000; http://link.springer.com/article/10.1007/s001650300000.

Maharaj:2003:ITI

[415] Savi Maharaj, Judi Romijn, and Carron Shankland. IEEE 1394 Tree Identify Protocol: Introduction to the case study. *Formal Aspects of Computing*, 14(3):200–214, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650300001.

Abrial:2003:MPI

[416] Jean-Raymond Abrial, Dominique Cansell, and Dominique Méry. A mechanically proved and incremental development of IEEE 1394 Tree Identify Protocol. *Formal Aspects of Computing*, 14(3):215–227, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650300002.

Verdejo:2003:SVT

[417] Alberto Verdejo, Isabel Pita, and Narciso Martí-Oliet. Specification and verification of the tree identify protocol of IEEE 1394 in rewriting logic. *Formal Aspects of Computing*, 14(3):228–246, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650300003.

Calder:2003:USA

[418] M. Calder and A. Miller. Using SPIN to analyse the tree identification phase of the IEEE 1394 High-Performance Serial Bus (FireWire) Protocol. *Formal Aspects of Computing*, 14(3):247–266, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650300004.

Schuppan:2003:VIF

[419] Viktor Schuppan and Armin Biere. Verifying the IEEE 1394 FireWire Tree Identify Protocol with SMV. *Formal Aspects of Computing*, 14(3):267–280, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650300005.

Fidge:2003:WID

[420] Colin Fidge and Carron Shankland. But what if I don't want to wait forever? *Formal Aspects of Computing*, 14(3):281–294, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650300006.

Kwiatkowska:2003:PMC

[421] Marta Kwiatkowska, Gethin Norman, and Jeremy Sproston. Probabilistic model checking of deadline properties in the IEEE 1394 FireWire Root Contention Protocol. *Formal Aspects of Computing*, 14(3):295–318, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650300007.

Romijn:2003:FLD

[422] Judi Romijn. False loop detection in the IEEE 1394 Tree Identify Phase. *Formal Aspects of Computing*, 14(3):319–327, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650300008.

Stoelinga:2003:FFC

[423] Mariëlle Stoelinga. Fun with FireWire: A comparative study of formal verification methods applied to the IEEE 1394 Root Contention Protocol. *Formal Aspects of Computing*, 14(3):328–337, April 2003. CODEN

FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s001650300009.

Anonymous:2003:Ea

[424] Anonymous. Editorial. *Formal Aspects of Computing*, 14(4):339, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-003-0242-8; http://link.springer.com/article/10.1007/s00165-003-0242-8.

Anonymous:2003:O

[425] Anonymous. Obituary. *Formal Aspects of Computing*, 14(4):340–341, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-003-0241-9; http://link.springer.com/article/10.1007/s00165-003-0241-9.

Paun:2003:CUS

[426] Dimitrie O. Paun and Marsha Chechik. On closure under stuttering. *Formal Aspects of Computing*, 14(4):342–368, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-002-225-1.

Kondoh:2003:ADT

[427] Hidetaka Kondoh. Abstract data types can have inequations. *Formal Aspects of Computing*, 14(4):369–399, April 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-002-0232-2.

Derrick:2003:SRS

[428] John Derrick and Graeme Smith. Structural refinement of systems specified in Object-Z and CSP. *Formal Aspects of Computing*, 15(1):1–27, July 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0002-9.

Oliveira:2003:ATL

[429] Marcel Oliveira, Ana Cavalcanti, and Jim Woodcock. ArcAngel: a tactic language for refinement. *Formal Aspects of Computing*, 15(1):28–47, July 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0003-8.

Henson:2003:LSB

[430] Martin C. Henson and Steve Reeves. A logic for schema-based program development. *Formal Aspects of Computing*, 15(1):48–83, July 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0004-7.

Jifeng:2003:AFD

[431] He Jifeng and Xu Qiwen. Advanced features of duration calculus and their applications in sequential hybrid programs. *Formal Aspects of Computing*, 15(1):84–99, July 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (elec-

tronic). URL http://link.springer.com/article/10.1007/PL00020897.

Anonymous:2003:Eb

[432] Anonymous. Editorial. *Formal Aspects of Computing*, 15(2–3):101–102, November 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-003-0023-4; http://link.springer.com/article/10.1007/s00165-003-0023-4.

Back:2003:CAS

[433] R. J. R. Back and J. von Wright. Compositional action system refinement. *Formal Aspects of Computing*, 15(2–3):103–117, November 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0005-6.

Davies:2003:CRU

[434] Jim Davies and Charles Crichton. Concurrency and refinement in the unified modeling language. *Formal Aspects of Computing*, 15(2–3):118–145, November 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0008-3.

Cavalcanti:2003:RSC

[435] Ana Cavalcanti, Augusto Sampaio, and Jim Woodcock. A refinement strategy for circus. *Formal Aspects of Computing*, 15(2–3):146–181, November 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0006-5.

Derrick:2003:RCR

[436] John Derrick and Eerke Boiten. Relational concurrent refinement. *Formal Aspects of Computing*, 15(2–3):182–214, November 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0007-4.

Sekerinski:2003:ETV

[437] Emil Sekerinski. Exploring tabular verification and refinement. *Formal Aspects of Computing*, 15(2–3):215–236, November 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0010-9.

Borger:2003:ARM

[438] Egon Börger. The ASM refinement method. *Formal Aspects of Computing*, 15(2–3):237–257, November 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0012-7.

Wildman:2003:VVA

[439] Luke Wildman, Colin Fidge, and David Carrington. The variety of variables in automated real-time refinement. *Formal Aspects of Computing*, 15(2–3):258–279, November 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0009-2.

Aichernig:2003:MTR

[440] Bernhard K. Aichernig. Mutation testing in the refinement calculus. *Formal Aspects of Computing*, 15(2–3): 280–295, November 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0011-8.

Broy:2003:EWT

[441] Manfred Broy, Gerald Lüttgen, and Michael Mendler. Editorial: Where theory and practice meet. *Formal Aspects of Computing*, 15(4): 297–298, December 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-003-0020-7; http://link.springer.com/article/10.1007/s00165-003-0020-7.

Gay:2003:IES

[442] Simon Gay and Rajagopal Nagarajan. Intensional and extensional semantics of dataflow programs. *Formal Aspects of Computing*, 15(4):299–318, December 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0018-1.

Lermer:2003:LAE

[443] Karl Lermer, Colin J. Fidge, and Ian J. Hayes. Linear approximation of execution-time constraints. *Formal Aspects of Computing*, 15(4):319–348, December 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0019-0.

Janneck:2003:ATC

[444] Jörn W. Janneck. Actors and their composition. *Formal Aspects of Computing*, 15(4):349–369, December 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0016-3.

Bos:2003:RSE

[445] Victor Bos and Jeroen Kleijn. Redesign of a systems engineering language: Formalisation of χ. *Formal Aspects of Computing*, 15(4):370–389, December 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0017-2.

Franzle:2003:SDE

[446] Martin Fränzle, Jürgen Niehaus, Alexander Metzner, and Werner Damm. A semantics for distributed execution of statemate. *Formal Aspects of Computing*, 15(4):390–405, December 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0015-4.

Gordon:2003:VPS

[447] Michael J. C. Gordon. Validating the PSL/Sugar semantics using automated reasoning. *Formal Aspects of Computing*, 15(4):406–421, December 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.

com/article/10.1007/s00165-003-0014-5.

Anonymous:2003:CV

[448] Anonymous. Content of volume 15 — 2003. *Formal Aspects of Computing*, 15(4):422, December 2003. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-003-0026-1; http://link.springer.com/article/10.1007/s00165-003-0026-1.

Jones:2004:Ea

[449] Cliff Jones and John Cooke. Editorial. *Formal Aspects of Computing*, 16(1):1, April 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-004-0029-6; http://link.springer.com/article/10.1007/s00165-004-0029-6.

Fitzgerald:2004:FME

[450] John S. Fitzgerald. Formal Methods Europe update. *Formal Aspects of Computing*, 16(1):2–3, April 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-004-0030-0; http://link.springer.com/article/10.1007/s00165-004-0030-0.

Jones:2004:OFP

[451] C. B. Jones, D. J. Cooke, and Christiane Notarmarco. Online first publication. *Formal Aspects of Computing*, 16(1):4, April 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-004-0031-z; http://link.springer.com/article/10.1007/s00165-004-0031-z.

Lopes:2004:SCV

[452] Antónia Lopes and José Luiz Fiadeiro. Superposition: composition vs refinement of non-deterministic, action-based systems. *Formal Aspects of Computing*, 16(1):5–18, April 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0021-6.

Martin:2004:DEG

[453] Clare Martin, Jeremy Gibbons, and Ian Bayley. Disciplined, efficient, generalised folds for nested datatypes. *Formal Aspects of Computing*, 16(1):19–35, April 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-003-0013-6.

Stewart:2004:BSA

[454] A. Stewart, M. Clint, and J. Gabarró. Barrier synchronisation: Axiomatisation and relaxation. *Formal Aspects of Computing*, 16(1):36–50, April 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0028-7.

Paige:2004:EOO

[455] Richard F. Paige and Jonathan S. Ostroff. ERC — an object-oriented refinement calculus for Eiffel. *Formal*

Aspects of Computing, 16(1):51–79, April 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-003-0024-3`.

Carr:2004:IUV

[456] C. T. Carr, T. M. McGinnity, and L. J. McDaid. Integration of UML and VHDL–AMS for analogue system modelling. *Formal Aspects of Computing*, 16(1):80–94, April 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-003-0027-0`.

Jones:2004:Eb

[457] Cliff Jones and Michael R. Hansen. Editorial. *Formal Aspects of Computing*, 16(2):95, May 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/s00165-004-0047-4; http://link.springer.com/article/10.1007/s00165-004-0047-4`.

Barua:2004:CCN

[458] Rana Barua. Completeness of a combination of neighbourhood logic and temporal logic. *Formal Aspects of Computing*, 16(2):96–103, May 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-004-0035-8`.

Dierks:2004:CMC

[459] Henning Dierks. Comparing model checking and logical reasoning for real-time systems. *Formal Aspects of Computing*, 16(2):104–120, May 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-004-0034-9`.

Franzle:2004:MCD

[460] Martin Fränzle. Model-checking dense-time duration calculus. *Formal Aspects of Computing*, 16(2):121–139, May 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-004-0032-y`.

Liu:2004:UPM

[461] Zhiming Liu, Anders P. Ravn, and Xiaoshan Li. Unifying proof methodologies of duration calculus and timed linear temporal logic. *Formal Aspects of Computing*, 16(2):140–154, May 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-004-0036-7`.

Xuandong:2004:DCR

[462] Li Xuandong, Zhao Jianhua, Zheng Tao, Li Yong, and Zheng Guoliang. Duration-constrained regular expressions. *Formal Aspects of Computing*, 16(2):155–163, May 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-004-0033-x`.

Broy:2004:E

[463] Manfred Broy, Gerald Lüttgen, and Michael Mendler. Editorial. *Formal Aspects of Computing*, 16 (3):165, August 2004. CODEN

FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-004-0049-2; http://link.springer.com/article/10.1007/s00165-004-0049-2.

Gallardo:2004:GSP

[464] María del Mar Gallardo, Pedro Merino, and Ernesto Pimentel. A generalized semantics of PROMELA for abstract model checking. *Formal Aspects of Computing*, 16(3):166–193, August 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0040-y.

Kruger:2004:BM

[465] I. Krüger, W. Prenninger, and R. Sandner. Broadcast MSCs. *Formal Aspects of Computing*, 16(3):194–209, August 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0046-5.

Lee:2004:BTS

[466] Edward A. Lee and Yuhong Xiong. A behavioral type system and its application in Ptolemy II. *Formal Aspects of Computing*, 16(3):210–237, August 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0043-8.

Lopez:2004:IFP

[467] Natalia López, Manuel Núñez, and Fernando Rubio. An integrated framework for the performance analysis of asynchronous communicating stochastic processes. *Formal Aspects of Computing*, 16(3):238–262, August 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0044-7.

Nebut:2004:SAS

[468] Mirabelle Nebut. Specification and analysis of synchronous reactions. *Formal Aspects of Computing*, 16(3):263–291, August 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0039-4.

Tini:2004:TCC

[469] Simone Tini. Timed CCP compositionally embeds Argos and Lustre. *Formal Aspects of Computing*, 16(3):292–312, August 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0041-x.

Hallerstede:2004:PAP

[470] Stefan Hallerstede and Michael Butler. Performance analysis of probabilistic action systems. *Formal Aspects of Computing*, 16(4):313–331, November 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0037-6.

Paynter:2004:RMB

[471] S. E. Paynter, N. Henderson, and J. M. Armstrong. Ramifications of metastability in bit variables explored

via Simpson's 4-slot mechanism. *Formal Aspects of Computing*, 16(4): 332–351, November 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0042-9.

Coupet-Grimal:2004:CCT

[472] Solange Coupet-Grimal and Line Jakubiec. Certifying circuits in Type Theory. *Formal Aspects of Computing*, 16 (4):352–373, November 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0048-3.

Ipate:2004:CDS

[473] Florentin Ipate. Complete deterministic stream X-machine testing. *Formal Aspects of Computing*, 16(4): 374–386, November 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0045-6.

Hesselink:2004:APC

[474] Wim H. Hesselink. An assertional proof for a construction of an atomic variable. *Formal Aspects of Computing*, 16 (4):387–393, November 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0038-5.

Reed:2004:RIC

[475] J. N. Reed, J. E. Sinclair, and A. W. Roscoe. Responsiveness of interoperating components. *Formal Aspects of Computing*, 16(4):394–411, November 2004. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0050-9.

Herzberg:2005:MLD

[476] D. Herzberg and M. Broy. Modeling layered distributed communication systems. *Formal Aspects of Computing*, 17(1):1–18, May 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0051-8.

Groote:2005:CCA

[477] Jan Friso Groote, François Monin, and Jan Springintveld. A computer checked algebraic verification of a distributed summation algorithm. *Formal Aspects of Computing*, 17(1):19–37, May 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0052-7.

Cook:2005:DAH

[478] A. Cook, A. Ireland, G. Michaelson, and N. Scaife. Discovering applications of higher order functions through proof planning. *Formal Aspects of Computing*, 17(1):38–57, May 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0054-5.

Ehmety:2005:MCR

[479] Sidi O. Ehmety and Lawrence C. Paulson. Mechanizing compositional reasoning for concurrent systems: some lessons. *Formal Aspects of Computing*, 17(1):58–68, May 2005. CODEN

FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0053-6.

Back:2005:ATP

[480] Ralph-Johan Back and Viorel Preoteasa. An algebraic treatment of procedure refinement to support mechanical verification. *Formal Aspects of Computing*, 17(1):69–90, May 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0060-7.

Leuschel:2005:GE

[481] Michael Leuschel. Guest editorial. *Formal Aspects of Computing*, 17 (2):91–92, August 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-005-0069-6; http://link.springer.com/article/10.1007/s00165-005-0069-6.

Roscoe:2005:EPC

[482] A. W. Roscoe. On the expressive power of CSP refinement. *Formal Aspects of Computing*, 17(2):93–112, August 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0065-x.

Huth:2005:RCI

[483] Michael Huth. Refinement is complete for implementations. *Formal Aspects of Computing*, 17(2):113–137, August 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0063-z.

Cattani:2005:RBP

[484] Stefano Cattani and Marta Kwiatkowska. A refinement-based process algebra for timed automata. *Formal Aspects of Computing*, 17(2):138–159, August 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0064-y.

Norman:2005:UPM

[485] Gethin Norman, David Parker, Marta Kwiatkowska, Sandeep Shukla, and Rajesh Gupta. Using probabilistic model checking for dynamic power management. *Formal Aspects of Computing*, 17(2):160–176, August 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0062-0.

DeWachter:2005:FDD

[486] Bram De Wachter, Alexandre Genon, Thierry Massart, and Cédric Meuter. The formal design of distributed controllers with $_d$SL and Spin. *Formal Aspects of Computing*, 17(2):177–200, August 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0066-9.

Gunter:2005:MCT

[487] Elsa Gunter and Doron Peled. Model checking, testing and verification working together. *Formal Aspects of Computing*, 17(2):201–221, August

2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0059-8.

Bagnara:2005:NCC

[488] Roberto Bagnara, Patricia M. Hill, and Enea Zaffanella. Not necessarily closed convex polyhedra and the double description method. *Formal Aspects of Computing*, 17(2):222–257, August 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0061-1.

Cooke:2005:E

[489] John Cooke. Editorial. *Formal Aspects of Computing*, 17(3):259, October 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-005-0074-9; http://link.springer.com/article/10.1007/s00165-005-0074-9.

Gurgens:2005:SAE

[490] S. Gürgens and C. Rudolph. Security analysis of efficient (un-) fair non-repudiation protocols. *Formal Aspects of Computing*, 17(3):260–276, October 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0055-4.

Gordon:2005:VWS

[491] Andrew D. Gordon and Riccardo Pucella. Validating a web service security abstraction by typing. *Formal Aspects of Computing*, 17(3):277–318, October 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-004-0058-1.

DeWulf:2005:AAS

[492] Martin De Wulf, Laurent Doyen, and Jean-François Raskin. Almost ASAP semantics: from timed models to timed implementations. *Formal Aspects of Computing*, 17(3):319–341, October 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0067-8.

Badban:2005:VSW

[493] Bahareh Badban, Wan Fokkink, Jan Friso Groote, Jun Pang, and Jaco van de Pol. Verification of a sliding window protocol in μCRL and PVS. *Formal Aspects of Computing*, 17(3):342–388, October 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0070-0.

Boiten:2005:GEI

[494] E. Boiten, J. Derrick, and G. Smith. Guest editorial integrated formal methods. *Formal Aspects of Computing*, 17(4):389, December 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-005-0078-5; http://link.springer.com/article/10.1007/s00165-005-0078-5.

Schneider:2005:CTC

[495] Steve Schneider and Helen Treharne. CSP theorems for communicating B machines. *Formal Aspects of Computing*, 17(4):390–422, December 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0076-7.

Beckert:2005:RRP

[496] Bernhard Beckert and Steffen Schlager. Refinement and retrenchment for programming language data types. *Formal Aspects of Computing*, 17(4): 423–442, December 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0073-x.

He:2005:EOS

[497] Jifeng He, Dang Van Hung, Geguang Pu, Zongyan Qiu, and Wang Yi. Exploring optimal solution to hardware/software partitioning for synchronous model. *Formal Aspects of Computing*, 17(4):443–460, December 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0072-y.

Chaki:2005:CSV

[498] Sagar Chaki, Edmund Clarke, Joël Ouaknine, Natasha Sharygina, and Nishant Sinha. Concurrent software verification with states, events, and deadlocks. *Formal Aspects of Computing*, 17(4):461–483, December 2005. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0071-z.

Derrick:2006:GE

[499] J. Derrick, M. Harman, and R. M. Hierons. Guest editorial. *Formal Aspects of Computing*, 18(1):1–2, March 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-005-0087-4; http://link.springer.com/article/10.1007/s00165-005-0087-4.

Bogdanov:2006:TMX

[500] K. Bogdanov, M. Holcombe, F. Ipate, L. Seed, and S. Vanak. Testing methods for X-machines: a review. *Formal Aspects of Computing*, 18(1):3–30, March 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0085-6.

Stannett:2006:STA

[501] Mike Stannett. Simulation testing of automata. *Formal Aspects of Computing*, 18(1):31–41, March 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0080-y.

Vilkomir:2006:MDR

[502] Sergiy A. Vilkomir and Jonathan P. Bowen. From MC/ DC to RC/ DC: formalization and analysis of control-flow testing criteria. *Formal Aspects of Computing*, 18(1):42–62, March 2006. CODEN FACME5. ISSN

0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0084-7.

Hallal:2006:FAP

[503] H. H. Hallal, S. Boroday, A. Petrenko, and A. Ulrich. A formal approach to property testing in causally consistent distributed traces. *Formal Aspects of Computing*, 18(1):63–83, March 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0082-9.

Ural:2006:CCS

[504] Hasan Ural and Craig Williams. Constructing checking sequences for distributed testing. *Formal Aspects of Computing*, 18(1):84–101, March 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0083-8.

Binkley:2006:FRB

[505] David W. Binkley, Sebastian Danicic, Mark Harman, John Howroyd, and Lahcen Ouarbya. A formal relationship between program slicing and partial evaluation. *Formal Aspects of Computing*, 18(2):103–119, June 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0077-6.

McKeever:2006:PCH

[506] Steve McKeever and Wayne Luk. Provably-correct hardware compilation tools based on pass separation techniques. *Formal Aspects of Computing*, 18(2):120–142, June 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0075-8.

Bicarregui:2006:VSR

[507] J. C. Bicarregui, C. A. R. Hoare, and J. C. P. Woodcock. The verified software repository: a step towards the verifying compiler. *Formal Aspects of Computing*, 18(2):143–151, June 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0079-4.

Lermer:2006:PCR

[508] K. Lermer and C. J. Fidge. Procedure compilation in the refinement calculus. *Formal Aspects of Computing*, 18(2):152–180, June 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0091-3.

Bolton:2006:SFS

[509] Christie Bolton and Jim Davies. A singleton failures semantics for Communicating Sequential Processes. *Formal Aspects of Computing*, 18(2):181–210, June 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-005-0081-x.

Fecher:2006:ARA

[510] H. Fecher and M. Majster-Cederbaum. Action refinement applied to late deci-

sions. *Formal Aspects of Computing*, 18(2):211–230, June 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0088-y.

Santiago:2006:FAC

[511] Regivan H. Nunes Santiago, Benjamín R. Callejas Bedregal, and Benedito Melo Acióly. Formal aspects of correctness and optimality of interval computations. *Formal Aspects of Computing*, 18(2):231–243, June 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0089-x.

Glesner:2006:FIC

[512] Sabine Glesner. Finite integer computations: An algebraic foundation for their correctness. *Formal Aspects of Computing*, 18(2):244–262, June 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0090-4.

Boiten:2006:GEE

[513] Eerke Boiten and Michael Butler. Guest Editorial: Editorial for the FAC special issue based on derivative papers from "Refine '05". *Formal Aspects of Computing*, 18(3):263, September 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-006-0009-0; http://link.springer.com/article/10.1007/s00165-006-0009-0.

Smith:2006:VDR

[514] Graeme Smith and John Derrick. Verifying data refinements using a model checker. *Formal Aspects of Computing*, 18(3):264–287, September 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0002-7.

Cavalcanti:2006:ANU

[515] Ana Cavalcanti, Jim Woodcock, and Steve Dunne. Angelic nondeterminism in the unifying theories of programming. *Formal Aspects of Computing*, 18(3):288–307, September 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0001-8.

Schneider:2006:TMP

[516] Steve Schneider, Thai Son Hoang, Ken Robinson, and Helen Treharne. Tank monitoring: a pAMN case study. *Formal Aspects of Computing*, 18(3):308–328, September 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0004-5.

Deutsch:2006:ARA

[517] Moshe Deutsch and Martin C. Henson. An analysis of refinement in an abortive paradigm. *Formal Aspects of Computing*, 18(3):329–363, September 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0006-3.

Henson:2006:SL

[518] Martin C. Henson, Moshe Deutsch, and Besnik Kajtazi. The specification logic νZ. *Formal Aspects of Computing*, 18 (3):364–395, September 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0007-2.

Tenzer:2006:MRC

[519] Jennifer Tenzer and Perdita Stevens. On modelling recursive calls and callbacks with two variants of unified modelling language state diagrams. *Formal Aspects of Computing*, 18(4): 397–420, December 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0003-6.

Subramani:2006:AAS

[520] K. Subramani and C. Tauras. An approximation algorithm for state minimization in 2-MDFAs. *Formal Aspects of Computing*, 18(4):421–431, December 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0005-4.

Vaandrager:2006:ABM

[521] F. W. Vaandrager and A. L. de Groot. Analysis of a biphase mark protocol with Uppaal and PVS. *Formal Aspects of Computing*, 18(4):433–458, December 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0008-1.

Bowman:2006:HST

[522] Howard Bowman and Rodolfo Gómez. How to stop time stopping. *Formal Aspects of Computing*, 18(4):459–493, December 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0010-7.

Pym:2006:CLR

[523] David Pym and Chris Tofts. A calculus and logic of resources and processes. *Formal Aspects of Computing*, 18(4): 495–517, December 2006. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0018-z. See errata [553].

Cooke:2007:E

[524] John Cooke. Editorial. *Formal Aspects of Computing*, 19(1):1, March 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-007-0025-8; http://link.springer.com/article/10.1007/s00165-007-0025-8.

Hillston:2007:FTP

[525] Jane Hillston and Leïla Kloul. Formal techniques for performance analysis: blending SAN and PEPA. *Formal Aspects of Computing*, 19(1):3–33, March 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0011-6.

Gorogiannis:2007:MRSa

[526] Nikos Gorogiannis and Mark Ryan. Minimal refinements of specifications in model and temporal logics. *Formal Aspects of Computing*, 19(1):35–62, March 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0014-3.

Basin:2007:VSA

[527] David Basin, Hironobu Kuruma, Kunihiko Miyazaki, Kazuo Takaragi, and Burkhart Wolff. Verifying a signature architecture: a comparative case study. *Formal Aspects of Computing*, 19(1):63–91, March 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0012-5.

Lanotte:2007:PPT

[528] Ruggero Lanotte, Andrea Maggiolo-Schettini, and Angelo Troina. Parametric probabilistic transition systems for system design and analysis. *Formal Aspects of Computing*, 19(1):93–109, March 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0015-2.

Burns:2007:EPV

[529] A. Burns and T.-M. Lin. An engineering process for the verification of real-time systems. *Formal Aspects of Computing*, 19(1):111–136, March 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0021-4.

Cooke:2007:EVS

[530] J. Cooke. Editorial (VSTTE Special Issue). *Formal Aspects of Computing*, 19(2):137–138, June 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-007-0036-5; http://link.springer.com/article/10.1007/s00165-007-0036-5.

Chalin:2007:LFV

[531] Patrice Chalin. Are the logical foundations of verifying compiler prototypes matching user expectations? *Formal Aspects of Computing*, 19(2):139–158, June 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0016-1.

Leavens:2007:SVC

[532] Gary T. Leavens, K. Rustan M. Leino, and Peter Müller. Specification and verification challenges for sequential object-oriented programs. *Formal Aspects of Computing*, 19(2):159–189, June 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0026-7.

Jacobs:2007:CCT

[533] Bart Jacobs, Sjaak Smetsers, and Ronny Wichers Schreur. Code-carrying theories. *Formal Aspects of Computing*, 19(2):191–203, June 2007. CODEN FACME5. ISSN 0934-5043 (print),

1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0013-4.

Naumann:2007:ABE

[534] David A. Naumann. On assertion-based encapsulation for object invariants and simulations. *Formal Aspects of Computing*, 19(2):205–224, June 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0020-5.

Borger:2007:CAG

[535] Egon Börger. Construction and analysis of ground models and their refinements as a foundation for validating computer-based systems. *Formal Aspects of Computing*, 19(2):225–241, June 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0019-y.

Betin-Can:2007:HDC

[536] Aysu Betin-Can and Tevfik Bultan. Highly dependable concurrent programming using design for verification. *Formal Aspects of Computing*, 19(2):243–268, June 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0017-0.

Joshi:2007:MCB

[537] Rajeev Joshi and Gerard J. Holzmann. A mini challenge: build a verifiable filesystem. *Formal Aspects of Computing*, 19(2):269–272, June 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-006-0022-3.

Gorogiannis:2007:MRSb

[538] Nikos Gorogiannis and Mark Ryan. Minimal refinements of specifications in modal and temporal logics. *Formal Aspects of Computing*, 19(2):273, June 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-007-0038-3; http://link.springer.com/article/10.1007/s00165-007-0038-3.

Lazic:2007:GE

[539] Ranko Lazic and Rajagopal Nagarajan. Guest editorial. *Formal Aspects of Computing*, 19(3):275, August 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-007-0043-6; http://link.springer.com/article/10.1007/s00165-007-0043-6.

Evans:2007:ITS

[540] Neil Evans and Helen Treharne. Interactive tool support for CSP ‖ B consistency checking. *Formal Aspects of Computing*, 19(3):277–302, August 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0034-7.

Reed:2007:RSR

[541] J. N. Reed, A. W. Roscoe, and J. E. Sinclair. Responsiveness and stable revivals. *Formal Aspects of Computing*, 19(3):303–319, August 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0032-9.

Barsotti:2007:VCS

[542] Damián Barsotti, Leonor Prensa Nieto, and Alwen Tiu. Verification of clock synchronization algorithms: experiments on a combination of deductive tools. *Formal Aspects of Computing*, 19(3):321–341, August 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0027-6.

Slind:2007:PPS

[543] Konrad Slind, Scott Owens, Juliano Iyoda, and Mike Gordon. Proof producing synthesis of arithmetic and cryptographic hardware. *Formal Aspects of Computing*, 19(3):343–362, August 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0028-5.

Ceska:2007:GMP

[544] Milan Češka, Pavel Erlebach, and Tomáš Vojnar. Generalised multi-pattern-based verification of programs with linear linked structures. *Formal Aspects of Computing*, 19(3):363–374, August 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0031-x.

Charlton:2007:PVI

[545] Nathaniel Charlton. Program verification with interacting analysis plugins. *Formal Aspects of Computing*, 19(3):375–399, August 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0029-4.

Kang:2007:PDV

[546] Eun-Young Kang and Stephan Merz. Predicate diagrams for the verification of real-time systems. *Formal Aspects of Computing*, 19(3):401–413, August 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0030-y.

Jones:2007:E

[547] Cliff Jones and Jim Woodcock. Editorial. *Formal Aspects of Computing*, 19(4):415–416, November 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-007-0046-3; http://link.springer.com/article/10.1007/s00165-007-0046-3.

Gorogiannis:2007:MRSc

[548] Nikos Gorogiannis and Mark Ryan. Minimal refinements of specifications in modal and temporal logics. *Formal Aspects of Computing*, 19(4):417–444, November 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http:

//link.springer.com/article/10.1007/s00165-007-0040-9.

Bergstra:2007:TAS

[549] J. A. Bergstra and C. A. Middelburg. Thread algebra for strategic interleaving. *Formal Aspects of Computing*, 19 (4):445–474, November 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0024-9; http://link.springer.com/content/pdf/10.1007/s00165-007-0024-9.pdf.

Vu:2007:DOB

[550] Thuy Duong Vu. Deciding orthogonal bisimulation. *Formal Aspects of Computing*, 19(4):475–485, November 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0023-x; http://link.springer.com/content/pdf/10.1007/s00165-007-0023-x.pdf.

Brooke:2007:CME

[551] Phillip J. Brooke, Richard F. Paige, and Jeremy L. Jacob. A CSP model of Eiffel's SCOOP. *Formal Aspects of Computing*, 19(4):487–512, November 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0033-8.

Curzon:2007:AFV

[552] Paul Curzon, Rimvydas Rukšėnas, and Ann Blandford. An approach to formal verification of human—computer interaction. *Formal Aspects of Computing*, 19(4):513–550, November 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0035-6.

Collinson:2007:EBA

[553] Matthew Collinson, David Pym, and Chris Tofts. Errata for *Formal Aspects of Computing* (2006) 18:495–517 and their consequences. *Formal Aspects of Computing*, 19(4):551–554, November 2007. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0047-2. See [523].

Jones:2008:E

[554] Cliff Jones and Jim Woodcock. Editorial. *Formal Aspects of Computing*, 20(1):1–3, January 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0064-1.

Woodcock:2008:CME

[555] Jim Woodcock, Susan Stepney, David Cooper, John Clark, and Jeremy Jacob. The certification of the Mondex electronic purse to ITSEC Level E6. *Formal Aspects of Computing*, 20(1):5–19, January 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0060-5.

Ramananandro:2008:MEP

[556] Tahina Ramananandro. Mondex, an electronic purse: specification and re-

finement checks with the Alloy model-finding method. *Formal Aspects of Computing*, 20(1):21–39, January 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0058-z`.

Haneberg:2008:VME

[557] Dominik Haneberg, Gerhard Schellhorn, Holger Grandy, and Wolfgang Reif. Verification of Mondex electronic purses with KIV: from transactions to a security protocol. *Formal Aspects of Computing*, 20(1):41–59, January 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0057-0`.

Butler:2008:IDM

[558] Michael Butler and Divakar Yadav. An incremental development of the Mondex system in Event-B. *Formal Aspects of Computing*, 20(1):61–77, January 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0061-4`.

Kuhlmann:2008:MVM

[559] Mirco Kuhlmann and Martin Gogolla. Modeling and validating Mondex scenarios described in UML and OCL with USE. *Formal Aspects of Computing*, 20(1):79–100, January 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0062-3`.

George:2008:SPM

[560] Chris George and Anne E. Haxthausen. Specification, proof, and model checking of the Mondex electronic purse using RAISE. *Formal Aspects of Computing*, 20(1):101–116, January 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0054-3`.

Freitas:2008:MMZ

[561] Leo Freitas and Jim Woodcock. Mechanising Mondex with Z/Eves. *Formal Aspects of Computing*, 20(1):117–139, January 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0059-y`.

Dongol:2008:SPB

[562] Brijesh Dongol and Arjan J. Mooij. Streamlining progress-based derivations of concurrent programs. *Formal Aspects of Computing*, 20(2):141–160, March 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0037-4`.

Moller:2008:IFM

[563] Michael Möller, Ernst-Rüdiger Olderog, Holger Rasch, and Heike Wehrheim. Integrating a formal method into a software engineering process with UML and Java. *Formal Aspects of Computing*, 20(2):161–204, March 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.`

com/article/10.1007/s00165-007-0042-7.

Bhaduri:2008:ISP

[564] Purandar Bhaduri and S. Ramesh. Interface synthesis and protocol conversion. *Formal Aspects of Computing*, 20(2):205–224, March 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0045-4.

Boucheneb:2008:ITC

[565] Hanifa Boucheneb. Interval timed coloured Petri net: efficient construction of its state class space preserving linear properties. *Formal Aspects of Computing*, 20(2):225–238, March 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0050-7.

Bjorner:2008:JWB

[566] Dines Bjørner. John Warner Backus: 3 Dec 1924–17 March 2007. *Formal Aspects of Computing*, 20(3):239–240, May 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-008-0077-4; http://link.springer.com/article/10.1007/s00165-008-0077-4.

Schmaltz:2008:FFC

[567] Julien Schmaltz and Dominique Borrione. A functional formalization of on chip communications. *Formal Aspects of Computing*, 20(3):241–258, May 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0049-0.

Kammuller:2008:FNI

[568] Florian Kammüller. Formalizing noninterference for a simple bytecode language in Coq. *Formal Aspects of Computing*, 20(3):259–275, May 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0055-2.

Lowe:2008:SCP

[569] Gavin Lowe. Specification of communicating processes: temporal logic versus refusals-based refinement. *Formal Aspects of Computing*, 20(3):277–294, May 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0065-0.

Reeves:2008:DRS

[570] Steve Reeves and David Streader. Data refinement and singleton failures refinement are not equivalent. *Formal Aspects of Computing*, 20(3):295–301, May 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0076-5.

Bertolotti:2008:ERA

[571] Ivan Cibrario Bertolotti, Luca Durante, Riccardo Sisto, and Adriano Valenzano. Efficient representation of the attacker's knowledge in cryptographic protocols analysis. *Formal*

Aspects of Computing, 20(3):303–348, May 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-008-0078-3`.

Barkaoui:2008:GE

[572] Kamel Barkaoui, Manfred Broy, Ana Cavalcanti, and Antonio Cerone. Guest editorial. *Formal Aspects of Computing*, 20(4–5):349–350, July 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/s00165-008-0085-4`; `http://link.springer.com/article/10.1007/s00165-008-0085-4`.

Barbuti:2008:BCM

[573] Roberto Barbuti, Andrea Maggiolo-Schettini, Paolo Milazzo, and Angelo Troina. Bisimulations in calculi modelling membranes. *Formal Aspects of Computing*, 20(4–5):351–377, July 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-008-0071-x`.

Bradley:2008:PDI

[574] Aaron R. Bradley and Zohar Manna. Property-directed incremental invariant generation. *Formal Aspects of Computing*, 20(4–5):379–405, July 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-008-0080-9`.

Delzanno:2008:RAF

[575] Giorgio Delzanno and Roberto Montagna. Reachability analysis of fragments of mobile ambients in AC term rewriting. *Formal Aspects of Computing*, 20(4–5):407–428, July 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-008-0081-8`.

Devillers:2008:CPN

[576] Raymond Devillers, Hanna Klaudel, and Maciej Koutny. A compositional Petri net translation of general π-calculus terms. *Formal Aspects of Computing*, 20(4–5):429–450, July 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-008-0079-2`.

Gabbay:2008:CAS

[577] Murdoch J. Gabbay and Aad Mathijssen. Capture-avoiding substitution as a nominal algebra. *Formal Aspects of Computing*, 20(4–5):451–479, July 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0056-1`.

Meyer:2008:MCD

[578] Roland Meyer, Johannes Faber, Jochen Hoenicke, and Andrey Rybalchenko. Model checking duration calculus: a practical approach. *Formal Aspects of Computing*, 20(4–5):481–505, July 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (elec-

tronic). URL http://link.springer.com/article/10.1007/s00165-008-0082-7; http://link.springer.com/content/pdf/10.1007/s00165-008-0082-7.pdf.

Slanina:2008:DVA

[579] Matteo Slanina, Henny B. Sipma, and Zohar Manna. Deductive verification of alternating systems. *Formal Aspects of Computing*, 20(4–5):507–560, July 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0075-6.

Jones:2008:V

[580] Cliff Jones. Valediction. *Formal Aspects of Computing*, 20(6): 561, December 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-008-0093-4; http://link.springer.com/article/10.1007/s00165-008-0093-4.

Labbe:2008:SCA

[581] Sébastien Labbé and Jean-Pierre Gallois. Slicing communicating automata specifications: polynomial algorithms for model reduction. *Formal Aspects of Computing*, 20(6):563–595, December 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0086-3.

Hierons:2008:TDI

[582] Robert M. Hierons and Florentin Ipate. Testing a deterministic implementation against a non-controllable non-deterministic stream X-machine. *Formal Aspects of Computing*, 20(6): 597–617, December 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0087-2.

Grinchtein:2008:NIR

[583] Olga Grinchtein and Martin Leucker. Network invariants for real-time systems. *Formal Aspects of Computing*, 20 (6):619–635, December 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0089-0.

Botaschanjan:2008:CUL

[584] Jewgenij Botaschanjan, Manfred Broy, Alexander Gruler, Alexander Harhurin, Steffen Knapp, Leonid Kof, Wolfgang Paul, and Maria Spichkova. On the correctness of upper layers of automotive systems. *Formal Aspects of Computing*, 20(6):637–662, December 2008. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0097-0.

Boiten:2009:E

[585] Eerke Boiten. Editorial. *Formal Aspects of Computing*, 21(1–2):1, February 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0100-9; http://link.springer.com/content/pdf/10.1007/s00165-008-0100-9.pdf.

Oliveira:2009:USC

[586] Marcel Oliveira, Ana Cavalcanti, and Jim Woodcock. A UTP semantics for circus. *Formal Aspects of Computing*, 21(1–2):3–32, February 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0052-5`.

Aichernig:2009:MTU

[587] Bernhard K. Aichernig and He Jifeng. Mutation testing in UTP. *Formal Aspects of Computing*, 21(1–2):33–64, February 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-008-0083-6`.

Boiten:2009:RCR

[588] Eerke Boiten, John Derrick, and Gerhard Schellhorn. Relational concurrent refinement part II: Internal operations and outputs. *Formal Aspects of Computing*, 21(1–2):65–102, February 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0066-z`.

Zhao:2009:GTO

[589] Liang Zhao, Xiaojian Liu, Zhiming Liu, and Zongyan Qiu. Graph transformations for object-oriented refinement. *Formal Aspects of Computing*, 21(1–2):103–131, February 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0067-y`.

Freitas:2009:FE

[590] Leo Freitas and Jim Woodcock. FDR explorer. *Formal Aspects of Computing*, 21(1–2):133–154, February 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-008-0074-7`.

Smith:2009:MCA

[591] Graeme Smith and Kirsten Winter. Model checking action system refinements. *Formal Aspects of Computing*, 21(1–2):155–186, February 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-007-0053-4`.

Groves:2009:TBD

[592] Lindsay Groves and Robert Colvin. Trace-based derivation of a scalable lock-free stack algorithm. *Formal Aspects of Computing*, 21(1–2):187–223, February 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-008-0092-5`.

Boca:2009:E

[593] Paul Boca, Raymond Boute, David Duce, and José Oliveira. Editorial. *Formal Aspects of Computing*, 21(3):225, May 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0109-8`; `http://link.springer.com/content/pdf/10.1007/s00165-009-0109-8.pdf`.

Back:2009:IBP

[594] Ralph-Johan Back. Invariant based programming: basic approach and teaching experiences. *Formal Aspects of Computing*, 21(3):227–244, May 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0070-y.

Larsen:2009:POC

[595] Peter Gorm Larsen, John S. Fitzgerald, and Steve Riddle. Practice-oriented courses in formal methods using VDM^{++}. *Formal Aspects of Computing*, 21(3):245–257, May 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0068-5.

Tsay:2009:TSL

[596] Yih-Kuen Tsay, Yu-Fang Chen, Ming-Hsien Tsai, Kang-Nien Wu, Wen-Chin Chan, Chi-Jian Luo, and Jinn-Shu Chang. Tool support for learning Büchi automata and linear temporal logic. *Formal Aspects of Computing*, 21(3):259–275, May 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0091-6.

Schreiner:2009:RPP

[597] Wolfgang Schreiner. The RISC ProofNavigator: a proving assistant for program verification in the classroom. *Formal Aspects of Computing*, 21(3):277–291, May 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0069-4.

Feinerer:2009:CTT

[598] Ingo Feinerer and Gernot Salzer. A comparison of tools for teaching formal software verification. *Formal Aspects of Computing*, 21(3):293–301, May 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0084-5.

Paige:2009:E

[599] Richard F. Paige and Phillip J. Brooke. Editorial. *Formal Aspects of Computing*, 21(4):303, August 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0113-z; http://link.springer.com/content/pdf/10.1007/s00165-009-0113-z.pdf.

Nienaltowski:2009:CC

[600] Piotr Nienaltowski, Bertrand Meyer, and Jonathan S. Ostroff. Contracts for concurrency. *Formal Aspects of Computing*, 21(4):305–318, August 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0063-2.

Ostroff:2009:BCC

[601] Jonathan S. Ostroff, Faraz Ahmadi Torshizi, Hai Feng Huang, and Bernd Schoeller. Beyond contracts for concurrency. *Formal Aspects of Computing*, 21(4):319–346, August 2009. CODEN FACME5. ISSN 0934-5043 (print),

1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0073-8.

Nienaltowski:2009:FAC

[602] Piotr Nienaltowski. Flexible access control policy for SCOOP. *Formal Aspects of Computing*, 21(4):347–362, August 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0072-9.

Brooke:2009:CAM

[603] Phillip J. Brooke and Richard F. Paige. Cameo: an alternative model of concurrency for Eiffel. *Formal Aspects of Computing*, 21(4):363–391, August 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0096-1.

Bornat:2009:PLC

[604] Richard Bornat. Peter Landin: a computer scientist who inspired a generation, 5th June 1930–3rd June 2009. *Formal Aspects of Computing*, 21(5):393–395, October 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0122-y.

Kim:2009:FDD

[605] Soon-Kyeong Kim and David Carrington. A formalism to describe design patterns based on role concepts. *Formal Aspects of Computing*, 21(5):397–420, October 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0090-7.

Howells:2009:CMF

[606] Paul Howells and Mark d'Inverno. A CSP model with flexible parallel termination semantics. *Formal Aspects of Computing*, 21(5):421–449, October 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0098-z.

Chen:2009:FFM

[607] Chunqing Chen, Jin Song Dong, and Jun Sun. A formal framework for modeling and validating Simulink diagrams. *Formal Aspects of Computing*, 21(5):451–483, October 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0108-9.

Kroening:2009:FSM

[608] Daniel Kroening and Ofer Strichman. A framework for Satisfiability Modulo Theories. *Formal Aspects of Computing*, 21(5):485–494, October 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0105-z.

Masalagiu:2009:RMS

[609] Cristian Masalagiu, Wei-Ngan Chin, Ştefan Andrei, and Vasile Alaiba. A rigorous methodology for specification and verification of business processes. *Formal Aspects of Computing*, 21(5):495–510, October 2009. CODEN

FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0106-y.

Cerone:2009:E

[610] Antonio Cerone, Paul Curzon, and David Duce. Editorial. *Formal Aspects of Computing*, 21(6): 511–512, December 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-009-0121-z; http://link.springer.com/article/10.1007/s00165-009-0121-z.

Su:2009:PAM

[611] Li Su, Howard Bowman, Philip Barnard, and Brad Wyble. Process algebraic modelling of attentional capture and human electrophysiology in interactive systems. *Formal Aspects of Computing*, 21(6):513–539, December 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0094-3; http://link.springer.com/content/pdf/10.1007/s00165-008-0094-3.pdf.

Ruksenas:2009:VGM

[612] Rimvydas Ruksenas, Jonathan Back, Paul Curzon, and Ann Blandford. Verification-guided modelling of salience and cognitive load. *Formal Aspects of Computing*, 21(6):541–569, December 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0102-7.

Basuki:2009:MCU

[613] Thomas Anung Basuki, Antonio Cerone, Andreas Griesmayer, and Rudolf Schlatte. Model-checking user behaviour using interacting components. *Formal Aspects of Computing*, 21(6):571–588, December 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0101-8.

Bowen:2009:RUI

[614] Judy Bowen and Steve Reeves. Refinement for user interface designs. *Formal Aspects of Computing*, 21(6): 589–612, December 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0095-2.

Dix:2009:PMD

[615] Alan Dix, Masitah Ghazali, Steve Gill, Joanna Hare, and Devina Ramduny-Ellis. Physigrams: modelling devices for natural interaction. *Formal Aspects of Computing*, 21(6):613–641, December 2009. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-008-0099-y.

Boiten:2010:E

[616] Eerke Boiten, Michael Butler, John Derrick, and Graeme Smith. Editorial. *Formal Aspects of Computing*, 22(1):1, January 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.

1007/s00165-009-0147-2; http://link.springer.com/content/pdf/10.1007/s00165-009-0147-2.pdf.

Meinicke:2010:RAP

[617] Larissa Meinicke and Kim Solin. Refinement algebra for probabilistic programs. *Formal Aspects of Computing*, 22(1):3–31, January 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0111-1.

Banach:2010:AAT

[618] Richard Banach and Gerhard Schellhorn. Atomic actions, and their refinements to isolated protocols. *Formal Aspects of Computing*, 22(1):33–61, January 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0103-1.

Mooij:2010:IBR

[619] Arjan J. Mooij. Invariant-based reasoning about parameterized security protocols. *Formal Aspects of Computing*, 22(1):63–81, January 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0104-0; http://link.springer.com/content/pdf/10.1007/s00165-009-0104-0.pdf.

Collinson:2010:ALA

[620] Matthew Collinson and David Pym. Algebra and logic for access control. *Formal Aspects of Computing*, 22(2):83–104, March 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0107-x. See erratum [636].

Kroening:2010:VFP

[621] Daniel Kroening and Georg Weissenbacher. Verification and falsification of programs with loops using predicate abstraction. *Formal Aspects of Computing*, 22(2):105–128, March 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0110-2.

Mathis:2010:FGC

[622] Pascal Mathis and Simon E. B. Thierry. A formalization of geometric constraint systems and their decomposition. *Formal Aspects of Computing*, 22(2):129–151, March 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0117-8.

Sherif:2010:PAF

[623] Adnan Sherif, Ana Cavalcanti, He Jifeng, and Augusto Sampaio. A process algebraic framework for specification and validation of real-time systems. *Formal Aspects of Computing*, 22(2):153–191, March 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0119-6.

Aransay:2010:GCC

[624] Jesús Aransay, Clemens Ballarin, and Julio Rubio. Generating certified code from formal proofs: a case study in

homological algebra. *Formal Aspects of Computing*, 22(2):193–213, March 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0120-0`.

Fiadeiro:2010:E

[625] J. L. Fiadeiro. Editorial. *Formal Aspects of Computing*, 22(3–4):215–216, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/accesspage/article/10.1007/s00165-010-0151-6`; `http://link.springer.com/article/10.1007/s00165-010-0151-6`.

Alrajeh:2010:DNZ

[626] D. Alrajeh, J. Kramer, A. Russo, and S. Uchitel. Deriving non-Zeno behaviour models from goal models using ILP. *Formal Aspects of Computing*, 22(3–4):217–241, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0128-5`.

Bocchi:2010:SPS

[627] Laura Bocchi, Stephen Gorton, and Stephan Reiff-Marganiec. From StPowla processes to SRML models. *Formal Aspects of Computing*, 22(3–4):243–268, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0118-7`.

Boronat:2010:ASM

[628] Artur Boronat and José Meseguer. An algebraic semantics for MOF. *Formal Aspects of Computing*, 22(3–4):269–296, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0140-9`.

deLara:2010:ATB

[629] Juan de Lara and Hans Vangheluwe. Automating the transformation-based analysis of visual languages. *Formal Aspects of Computing*, 22(3–4):297–326, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0114-y`.

Ehrig:2010:CIM

[630] Hartmut Ehrig, Karsten Ehrig, Claudia Ermel, and Ulrike Prange. Consistent integration of models based on views of meta models. *Formal Aspects of Computing*, 22(3–4):327–344, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0127-6`.

Moha:2010:DAS

[631] Naouel Moha, Yann-Gaël Guéhéneuc, Anne-Françoise Le Meur, Laurence Duchien, and Alban Tiberghien. From a domain analysis to the specification and detection of code and design smells. *Formal Aspects of Computing*, 22(3–4):345–361, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0115-x`.

Mossakowski:2010:GCD

[632] Till Mossakowski, Lutz Schröder, and Sergey Goncharov. A generic complete dynamic logic for reasoning about purity and effects. *Formal Aspects of Computing*, 22(3–4):363–384, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-010-0153-4`.

Orejas:2010:RGC

[633] Fernando Orejas, Hartmut Ehrig, and Ulrike Prange. Reasoning with graph constraints. *Formal Aspects of Computing*, 22(3–4):385–422, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0116-9`.

Smans:2010:AVJ

[634] Jan Smans, Bart Jacobs, Frank Piessens, and Wolfram Schulte. Automatic verification of Java programs with dynamic frames. *Formal Aspects of Computing*, 22(3–4):423–457, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-010-0148-1`.

vanderAalst:2010:PCD

[635] Wil M. P. van der Aalst, Marlon Dumas, Florian Gottschalk, Arthur H. M. ter Hofstede, Marcello La Rosa, and Jan Mendling. Preserving correctness during business process model configuration. *Formal Aspects of Computing*, 22(3–4):459–482, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0112-0`; `http://link.springer.com/content/pdf/10.1007/s00165-009-0112-0.pdf`.

Collinson:2010:EAL

[636] Matthew Collinson and David Pym. Erratum to: Algebra and logic for access control. *Formal Aspects of Computing*, 22(3–4):483–484, May 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-010-0155-2`; `http://link.springer.com/content/pdf/10.1007/s00165-010-0155-2.pdf`. See [620].

Anonymous:2010:RMJ

[637] Anonymous. Robin Milner: 13 January 1934—20 March 2010. *Formal Aspects of Computing*, 22(5):485–487, September 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-010-0162-3`.

Duran:2010:AAD

[638] Adolfo Duran, Ana Cavalcanti, and Augusto Sampaio. An algebraic approach to the design of compilers for object-oriented languages. *Formal Aspects of Computing*, 22(5):489–535, September 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0124-9`.

Hesselink:2010:SEL

[639] Wim H. Hesselink. Solutions of equations in languages. *Formal Aspects of Computing*, 22(5):537–545, September 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0123-x; http://link.springer.com/content/pdf/10.1007/s00165-009-0123-x.pdf`.

Filipovic:2010:BCD

[640] Ivana Filipović, Peter O'Hearn, Noah Torp-Smith, and Hongseok Yang. Blaming the client: on data refinement in the presence of pointers. *Formal Aspects of Computing*, 22(5): 547–583, September 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0125-8`.

Saleh:2010:GTF

[641] Mohamed Saleh and Mourad Debbabi. A game-theoretic framework for specification and verification of cryptographic protocols. *Formal Aspects of Computing*, 22(5):585–609, September 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0129-4`.

BohorquezV:2010:EUA

[642] Jaime A. Bohórquez V. An elementary and unified approach to program correctness. *Formal Aspects of Computing*, 22(5):611–627, September 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0137-4`.

Back:2010:SDU

[643] Ralph-Johan Back. Structured derivations: a unified proof style for teaching mathematics. *Formal Aspects of Computing*, 22(5):629–661, September 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0136-5`.

Harel:2010:APG

[644] David Harel. Amir Pnueli: A gentle giant: Lord of the ϕ's and the ψ's. *Formal Aspects of Computing*, 22(6): 663–665, November 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-010-0165-0`.

Jourdan:2010:LBL

[645] Guy-Vincent Jourdan, Hasan Ural, Hüsnü Yenigün, and Ji Chao Zhang. Lower bounds on lengths of checking sequences. *Formal Aspects of Computing*, 22(6):667–679, November 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0135-6`.

Lang:2010:TFL

[646] Frédéric Lang, Gwen Salaün, Rémi Hérilier, Jeff Kramer, and Jeff Magee. Translating FSP into LOTOS and networks of automata. *Formal Aspects*

of Computing, 22(6):681–711, November 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0133-8.

Wahl:2010:LAS

[647] Thomas Wahl and Vijay D'Silva. A lazy approach to symmetry reduction. *Formal Aspects of Computing*, 22(6):713–733, November 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0131-x.

Bornat:2010:IPB

[648] Richard Bornat and Hasan Amjad. Inter-process buffers in separation logic with rely-guarantee. *Formal Aspects of Computing*, 22(6):735–772, November 2010. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0141-8.

Borger:2011:E

[649] Egon Börger. Editorial. *Formal Aspects of Computing*, 23(1):1–2, January 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-010-0168-x; http://link.springer.com/article/10.1007/s00165-010-0168-x.

Julliand:2011:GTB

[650] Jacques Julliand, Pierre-Alain Masson, Régis Tissot, and Pierre-Christophe Bué. Generating tests from B specifications and dynamic selection criteria. *Formal Aspects of Computing*, 23(1):3–19, January 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0132-9.

Cavarra:2011:DFA

[651] Alessandra Cavarra. A data-flow approach to test multi-agent ASMs. *Formal Aspects of Computing*, 23(1):21–41, January 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0134-7.

Derrick:2011:ZTB

[652] John Derrick, Siobhán North, and Anthony J. H. Simons. Z2SAL: a translation-based model checker for Z. *Formal Aspects of Computing*, 23(1):43–71, January 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0126-7.

Wright:2011:UEB

[653] Stephen Wright and Kerstin Eder. Using Event-B to construct instruction set architectures. *Formal Aspects of Computing*, 23(1):73–89, January 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-009-0142-7.

Baumler:2011:PLT

[654] Simon Bäumler, Gerhard Schellhorn, Bogdan Tofan, and Wolfgang Reif. Proving linearizability with temporal logic. *Formal Aspects of Computing*,

23(1):91–112, January 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0130-y`.

Banach:2011:REB

[655] Richard Banach. Retrenchment for Event-B: UseCase-wise development and Rodin integration. *Formal Aspects of Computing*, 23(1):113–131, January 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0139-2`.

Hallerstede:2011:PEB

[656] Stefan Hallerstede. On the purpose of Event-B proof obligations. *Formal Aspects of Computing*, 23(1):133–150, January 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0138-3`.

Liu:2011:E

[657] Zhiming Liu and Jim Woodcock. Editorial. *Formal Aspects of Computing*, 23(2):151, March 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-011-0173-8`; `http://link.springer.com/content/pdf/10.1007/s00165-011-0173-8.pdf`.

Butterfield:2011:DSH

[658] Andrew Butterfield. A denotational semantics for Handel-C. *Formal Aspects of Computing*, 23(2):153–170, March 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0146-3`.

Xia:2011:SDP

[659] Bican Xia, Lu Yang, Naijun Zhan, and Zhihai Zhang. Symbolic decision procedure for termination of linear programs. *Formal Aspects of Computing*, 23(2):171–190, March 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0144-5`.

Haxthausen:2011:FAC

[660] Anne E. Haxthausen, Jan Peleska, and Sebastian Kinder. A formal approach for the construction and verification of railway control systems. *Formal Aspects of Computing*, 23(2):191–219, March 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0143-6`.

Mosses:2011:VSP

[661] Peter D. Mosses. VDM semantics of programming languages: combinators and monads. *Formal Aspects of Computing*, 23(2):221–238, March 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-009-0145-4`.

vanLamsweerde:2011:HHR

[662] Axel van Lamsweerde. The humble humorous researcher: A tribute to Michel Sintzoff. *Formal Aspects of Computing*, 23(3):239–242, May 2011. CODEN

FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0176-5.

Brown:2011:AVR

[663] Geoffrey M. Brown and Lee Pike. Automated verification and refinement for physical-layer protocols. *Formal Aspects of Computing*, 23(3):243–266, May 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0149-0.

Kassios:2011:DFT

[664] I. T. Kassios. The dynamic frames theory. *Formal Aspects of Computing*, 23(3):267–288, May 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0152-5.

Jones:2011:ECA

[665] Cliff B. Jones and Ken G. Pierce. Elucidating concurrent algorithms via layers of abstraction and reification. *Formal Aspects of Computing*, 23(3):289–306, May 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0156-1.

Sinnig:2011:POS

[666] Daniel Sinnig, Ferhat Khendek, and Patrice Chalin. Partial order semantics for use case and task models. *Formal Aspects of Computing*, 23(3):307–332, May 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0158-z.

vanderAalst:2011:SWN

[667] W. M. P. van der Aalst, K. M. van Hee, A. H. M. ter Hofstede, N. Sidorova, H. M. W. Verbeek, M. Voorhoeve, and M. T. Wynn. Soundness of workflow nets: classification, decidability, and analysis. *Formal Aspects of Computing*, 23(3):333–363, May 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0161-4; http://link.springer.com/content/pdf/10.1007/s00165-010-0161-4.pdf.

Holzmann:2011:MCB

[668] Gerard J. Holzmann and Mihai Florian. Model checking with bounded context switching. *Formal Aspects of Computing*, 23(3):365–389, May 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0160-5.

Hehner:2011:PP

[669] Eric C. R. Hehner. A probability perspective. *Formal Aspects of Computing*, 23(4):391–419, July 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0157-0.

Stewart:2011:PMB

[670] Alan Stewart. A programming model for BSP with partitioned synchronisation. *Formal Aspects of Computing*, 23(4):421–432, July 2011. CODEN FACME5. ISSN 0934-5043 (print),

1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0163-2; http://link.springer.com/content/pdf/10.1007/s00165-010-0163-2.pdf.

Fiadeiro:2011:AMS

[671] José Luiz Fiadeiro, Antónia Lopes, and Laura Bocchi. An abstract model of service discovery and binding. *Formal Aspects of Computing*, 23(4):433–463, July 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0166-z.

Cavalcanti:2011:CLD

[672] Ana Cavalcanti, Phil Clayton, and Colin O'Halloran. From control law diagrams to Ada via Circus. *Formal Aspects of Computing*, 23(4):465–512, July 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0170-3.

Yang:2011:IGB

[673] Linmin Yang, Zhe Dang, and Thomas R. Fischer. Information gain of black-box testing. *Formal Aspects of Computing*, 23(4):513–539, July 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0175-6.

Gao:2011:CPS

[674] Han Gao, Flemming Nielson, and Hanne Riis Nielson. CaPiTo: protocol stacks for services. *Formal Aspects of Computing*, 23(4):541–565, July 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0174-7.

Bergstra:2011:TAP

[675] J. A. Bergstra and C. A. Middelburg. Thread algebra for poly-threading. *Formal Aspects of Computing*, 23(4):567–583, July 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0178-3; http://link.springer.com/content/pdf/10.1007/s00165-011-0178-3.pdf.

Kroening:2011:E

[676] Daniel Kroening, Tiziana Margaria, and Jim Woodcock. Editorial. *Formal Aspects of Computing*, 23(5):585–588, September 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0201-8; http://link.springer.com/content/pdf/10.1007/s00165-011-0201-8.pdf.

Jorges:2011:APC

[677] Sven Jörges, Tiziana Margaria, and Bernhard Steffen. Assuring property conformance of code generators via model checking. *Formal Aspects of Computing*, 23(5):589–606, September 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0169-9.

Sitaraman:2011:BPB

[678] Murali Sitaraman, Bruce Adcock, Jeremy Avigad, Derek Bronish, Paolo

Bucci, David Frazier, Harvey M. Friedman, Heather Harton, Wayne Heym, Jason Kirschenbaum, Joan Krone, Hampton Smith, and Bruce W. Weide. Building a push-button RESOLVE verifier: Progress and challenges. *Formal Aspects of Computing*, 23(5): 607–626, September 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-010-0154-3`.

Braghin:2011:MCB

[679] Chiara Braghin, Natasha Sharygina, and Katerina Barone-Adesi. A model checking-based approach for security policy verification of mobile systems. *Formal Aspects of Computing*, 23(5): 627–648, September 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-010-0159-y`.

Chandy:2011:VDS

[680] K. Mani Chandy, Brian Go, Sayan Mitra, Concetta Pilotto, and Jerome White. Verification of distributed systems with local—global predicates. *Formal Aspects of Computing*, 23(5): 649–679, September 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-010-0150-7`.

Cavalcanti:2011:E

[681] Ana Cavalcanti, Dennis Dams, and Marie-Claude Gaudel. Editorial. *Formal Aspects of Computing*, 23 (6):681, November 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-011-0211-6; http://link.springer.com/content/pdf/10.1007/s00165-011-0211-6.pdf`.

Leuschel:2011:APV

[682] Michael Leuschel, Jérôme Falampin, Fabian Fritz, and Daniel Plagge. Automated property verification for large scale B models with ProB. *Formal Aspects of Computing*, 23(6): 683–709, November 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-010-0172-1; http://link.springer.com/content/pdf/10.1007/s00165-010-0172-1.pdf`.

McIver:2011:CRA

[683] A. K. McIver and C. C. Morgan. Compositional refinement in agent-based security protocols. *Formal Aspects of Computing*, 23(6):711–737, November 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-010-0164-1`.

Reynolds:2011:TBD

[684] Mark Reynolds. A tableau-based decision procedure for CTL*. *Formal Aspects of Computing*, 23(6): 739–779, November 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-011-0193-4`.

Wang:2011:SPA

[685] Chao Wang, Sudipta Kundu, Rhishikesh Limaye, Malay Ganai, and Aarti

Gupta. Symbolic predictive analysis for concurrent programs. *Formal Aspects of Computing*, 23(6):781–805, November 2011. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0179-2.

Boiten:2012:E

[686] Eerke Boiten, John Derrick, Jin Song Dong, and Steve Reeves. Editorial. *Formal Aspects of Computing*, 24(1):1, January 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0220-5; http://link.springer.com/content/pdf/10.1007/s00165-011-0220-5.pdf.

Morgan:2012:CNF

[687] Carroll Morgan. Compositional noninterference from first principles. *Formal Aspects of Computing*, 24(1):3–26, January 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0167-y.

Hesselink:2012:FHF

[688] Wim H. Hesselink and Muhammad Ikram Lali. Formalizing a hierarchical file system. *Formal Aspects of Computing*, 24(1):27–44, January 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-010-0171-2; http://link.springer.com/content/pdf/10.1007/s00165-010-0171-2.pdf.

Sanders:2012:ER

[689] J. W. Sanders and Graeme Smith. Emergence and refinement. *Formal Aspects of Computing*, 24(1):45–65, January 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0190-7.

Preoteasa:2012:IDD

[690] Viorel Preoteasa and Ralph-Johan Back. Invariant diagrams with data refinement. *Formal Aspects of Computing*, 24(1):67–95, January 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0195-2.

Hallerstede:2012:EPV

[691] Stefan Hallerstede and Michael Leuschel. Experiments in program verification using Event-B. *Formal Aspects of Computing*, 24(1):97–125, January 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0205-4.

Zeyda:2012:MSS

[692] Frank Zeyda, Marcel Oliveira, and Ana Cavalcanti. Mechanised support for sound refinement tactics. *Formal Aspects of Computing*, 24(1):127–160, January 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0218-z.

Fiadeiro:2012:E

[693] J. L. Fiadeiro, S. Gnesi, and T. Maibaum. Editorial. *Formal Aspects of Computing*, 24(2):161–162, March 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0224-9; http://link.springer.com/content/pdf/10.1007/s00165-012-0224-9.pdf.

Filieri:2012:FAA

[694] Antonio Filieri, Carlo Ghezzi, and Giordano Tamburrelli. A formal approach to adaptive software: continuous assurance of non-functional requirements. *Formal Aspects of Computing*, 24(2):163–186, March 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0207-2.

Kokash:2012:RMF

[695] Natallia Kokash, Christian Krause, and Erik de Vink. Reo + mCRL2: A framework for model-checking dataflow in service compositions. *Formal Aspects of Computing*, 24(2):187–216, March 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0191-6.

Barros:2012:ABS

[696] José Bernardo Barros, Daniela da Cruz, Pedro Rangel Henriques, and Jorge Sousa Pinto. Assertion-based slicing and slice graphs. *Formal Aspects of Computing*, 24(2):217–248, March 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0196-1.

Lindsay:2012:CSA

[697] Peter A. Lindsay, Nisansala Yatapanage, and Kirsten Winter. Cut set analysis using behavior trees and model checking. *Formal Aspects of Computing*, 24(2):249–266, March 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0181-8.

Massink:2012:SCD

[698] M. Massink, D. Latella, A. Bracciali, M. D. Harrison, and J. Hillston. Scalable context-dependent analysis of emergency egress models. *Formal Aspects of Computing*, 24(2):267–302, March 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0188-1.

Woodcock:2012:E

[699] Jim Woodcock. Editorial. *Formal Aspects of Computing*, 24(3):303, May 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0229-4; http://link.springer.com/content/pdf/10.1007/s00165-012-0229-4.pdf.

Jones:2012:JM

[700] Cliff B. Jones. John McCarthy (1927—2011). *Formal Aspects of Computing*, 24(3):305–306, May 2012. CODEN

FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-012-0226-7; http://link.springer.com/article/10.1007/s00165-012-0226-7.

Risi:2012:UFF

[701] Michele Risi, Giuseppe Scanniello, and Genoveffa Tortora. Using fold-in and fold-out in the architecture recovery of software systems. *Formal Aspects of Computing*, 24(3):307–330, May 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0199-y.

Andrade:2012:TIR

[702] Wilkerson L. Andrade and Patrícia D. L. Machado. Testing interruptions in reactive systems. *Formal Aspects of Computing*, 24(3):331–353, May 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0197-0.

Kim:2012:CTM

[703] Moonzoo Kim, Yunho Kim, and Yunja Choi. Concolic testing of the multi-sector read operation for flash storage platform software. *Formal Aspects of Computing*, 24(3):355–374, May 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0200-9.

Muhlberg:2012:VCF

[704] Jan Tobias Mühlberg and Gerald Lüttgen. Verifying compiled file system code. *Formal Aspects of Computing*, 24(3):375–391, May 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0198-z.

Derrick:2012:TLP

[705] John Derrick and Graeme Smith. Temporal-logic property preservation under Z refinement. *Formal Aspects of Computing*, 24(3):393–416, May 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0177-4.

Hofner:2012:P

[706] P. Höfner. Preface. *Formal Aspects of Computing*, 24(4–6):417–422, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0257-0; http://link.springer.com/content/pdf/10.1007/s00165-012-0257-0.pdf.

Hoare:2012:PA

[707] Tony Hoare and Stephan van Staden. In praise of algebra. *Formal Aspects of Computing*, 24(4–6):423–431, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0249-0.

Oliveira:2012:TLA

[708] José N. Oliveira. Towards a linear algebra of programming. *Formal Aspects of Computing*, 24(4–6):433–458, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0240-9`.

Hofner:2012:DFW

[709] Peter Höfner and Bernhard Möller. Dijkstra, Floyd and Warshall meet Kleene. *Formal Aspects of Computing*, 24(4–6):459–476, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0245-4`.

Swaminathan:2012:LRR

[710] Mani Swaminathan, Joost-Pieter Katoen, and Ernst-Rüdiger Olderog. Layered reasoning for randomized distributed algorithms. *Formal Aspects of Computing*, 24(4–6):477–496, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0231-x`.

Markovski:2012:RRS

[711] J. Markovski, P. R. D'Argenio, J. C. M. Baeten, and E. P. de Vink. Reconciling real and stochastic time: the need for probabilistic refinement. *Formal Aspects of Computing*, 24(4–6):497–518, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0230-y`; `http://link.springer.com/content/pdf/10.1007/s00165-012-0230-y.pdf`.

Leino:2012:SRH

[712] K. Rustan M. Leino and Kuat Yessenov. Stepwise refinement of heap-manipulating code in Chalice. *Formal Aspects of Computing*, 24(4–6):519–535, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0254-3`.

Jonsson:2012:URC

[713] Bengt Jonsson. Using refinement calculus techniques to prove linearizability. *Formal Aspects of Computing*, 24(4–6):537–554, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0250-7`.

Butler:2012:EIC

[714] Michael Butler. External and internal choice with event groups in Event-B. *Formal Aspects of Computing*, 24(4–6):555–567, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0239-2`.

Pettorossi:2012:CBC

[715] Alberto Pettorossi, Maurizio Proietti, and Valerio Senni. Constraint-based correctness proofs for logic program transformations. *Formal Aspects of Computing*, 24(4–6):569–594, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.`

com/article/10.1007/s00165-012-0233-8.

Bouyer:2012:TIF

[716] Patricia Bouyer, Nicolas Markey, Joël Ouaknine, Philippe Schnoebelen, and James Worrell. On termination and invariance for faulty channel machines. *Formal Aspects of Computing*, 24 (4–6):595–607, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0234-7.

Bird:2012:BCS

[717] Richard S. Bird. On building cyclic and shared structures in Haskell. *Formal Aspects of Computing*, 24 (4–6):609–621, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0243-6.

Emoto:2012:FES

[718] Kento Emoto, Sebastian Fischer, and Zhenjiang Hu. Filter-embedding semiring fusion for programming with MapReduce. *Formal Aspects of Computing*, 24(4–6):623–645, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0241-8.

Winskel:2012:DCS

[719] Glynn Winskel. Deterministic concurrent strategies. *Formal Aspects of Computing*, 24(4–6):647–660, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0235-6.

Kwiatkowska:2012:PVH

[720] Marta Kwiatkowska, Gethin Norman, and David Parker. Probabilistic verification of Herman's self-stabilisation algorithm. *Formal Aspects of Computing*, 24(4–6):661–670, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0227-6.

Kiefer:2012:TTH

[721] Stefan Kiefer, Andrzej S. Murawski, Joël Ouaknine, Björn Wachter, and James Worrell. Three tokens in Herman's algorithm. *Formal Aspects of Computing*, 24(4–6):671–678, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0228-5.

Hierons:2012:UST

[722] Robert M. Hierons and Manuel Núñez. Using schedulers to test probabilistic distributed systems. *Formal Aspects of Computing*, 24(4–6):679–699, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0244-5.

Deng:2012:CTP

[723] Yuxin Deng and Alwen Tiu. Characterisations of testing preorders for a finite probabilistic π-calculus. *Formal Aspects of Computing*, 24(4–6):701–726, July 2012. CODEN FACME5. ISSN

0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0238-3.

Georgievska:2012:PMM

[724] Sonja Georgievska and Suzana Andova. Probabilistic may/must testing: retaining probabilities by restricted schedulers. *Formal Aspects of Computing*, 24(4–6):727–748, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0236-5; http://link.springer.com/content/pdf/10.1007/s00165-012-0236-5.pdf.

Hennessy:2012:EPB

[725] Matthew Hennessy. Exploring probabilistic bisimulations, part I. *Formal Aspects of Computing*, 24(4–6):749–768, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0242-7.

vanderMeyden:2012:ARN

[726] Ron van der Meyden. Architectural refinement and notions of intransitive noninterference. *Formal Aspects of Computing*, 24(4–6):769–792, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0247-2.

Misra:2012:SVS

[727] Jayadev Misra. A secure voting scheme based on rational self-interest. *Formal Aspects of Computing*, 24 (4–6):793–805, July 2012. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0248-1.

Anonymous:2013:P

[728] Anonymous. Preface. *Formal Aspects of Computing*, 25(1):1–2, January 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-012-0271-2; http://link.springer.com/article/10.1007/s00165-012-0271-2.

Roscoe:2013:CNT

[729] A. W. Roscoe and Jian Huang. Checking noninterference in Timed CSP. *Formal Aspects of Computing*, 25 (1):3–35, January 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0251-6.

Cavalcanti:2013:SCJ

[730] Ana Cavalcanti, Andy Wellings, and Jim Woodcock. The Safety-Critical Java memory model formalised. *Formal Aspects of Computing*, 25(1):37–57, January 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0253-4.

Hoang:2013:SID

[731] Thai Son Hoang. Security invariants in discrete transition systems. *Formal Aspects of Computing*, 25(1):59–87, January 2013. CODEN FACME5. ISSN

0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0256-1.

Chen:2013:SIU

[732] Yifeng Chen. Semantic inheritance in unifying theories of programming. *Formal Aspects of Computing*, 25 (1):89–106, January 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0051-6.

Stoddart:2013:UPC

[733] Bill Stoddart and Frank Zeyda. A unification of probabilistic choice within a design-based model of reversible computation. *Formal Aspects of Computing*, 25(1):107–131, January 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0048-1.

Oliveira:2013:UTP

[734] Marcel Oliveira, Ana Cavalcanti, and Jim Woodcock. Unifying theories in ProofPower-Z. *Formal Aspects of Computing*, 25(1):133–158, January 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-007-0044-5.

Runde:2013:RCS

[735] Ragnhild Kobro Runde, Atle Refsdal, and Ketil Stølen. Relating computer systems to sequence diagrams: the impact of underspecification and inherent nondeterminism. *Formal Aspects of Computing*, 25(2):159–187, March 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0192-5.

Johnson:2013:DTS

[736] Kenneth Johnson and John V. Tucker. The data type of spatial objects. *Formal Aspects of Computing*, 25 (2):189–218, March 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0182-7.

Murray:2013:LRT

[737] Toby Murray. On the limits of refinement-testing for model-checking CSP. *Formal Aspects of Computing*, 25(2):219–256, March 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0183-6.

Damgaard:2013:ICM

[738] Troels C. Damgaard, Arne J. Glenstrup, Lars Birkedal, and Robin Milner. An inductive characterization of matching in binding bigraphs. *Formal Aspects of Computing*, 25(2):257–288, March 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0184-5.

Gomez:2013:MCT

[739] Rodolfo Gómez. Model-checking timed automata with deadlines with Uppaal. *Formal Aspects of Computing*, 25(2):289–318, March 2013. CODEN

FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0185-4.

Subramani:2013:IAO

[740] K. Subramani, Matthew Williamson, and Xiaofeng Gu. Improved algorithms for optimal length resolution refutation in difference constraint systems. *Formal Aspects of Computing*, 25(2):319–341, March 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0186-3.

Bowen:2013:E

[741] Jonathan P. Bowen, Michael Butler, Steve Reeves, and Mike Hinchey. Editorial. *Formal Aspects of Computing*, 25(3):343, May 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0281-8; http://link.springer.com/content/pdf/10.1007/s00165-013-0281-8.pdf.

Arthan:2013:HLL

[742] Rob Arthan, Ursula Martin, and Paulo Oliva. A Hoare logic for linear systems. *Formal Aspects of Computing*, 25(3):345–363, May 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0180-9.

Perna:2013:MCR

[743] Juan I. Perna and Chris George. Model checking RAISE applicative specifications. *Formal Aspects of Computing*, 25(3):365–388, May 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0217-0.

Babic:2013:PTN

[744] Domagoj Babić, Byron Cook, Alan J. Hu, and Zvonimir Rakamarić. Proving termination of nonlinear command sequences. *Formal Aspects of Computing*, 25(3):389–403, May 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0252-5.

Beckert:2013:DLD

[745] Bernhard Beckert and Vladimir Klebanov. A Dynamic Logic for deductive verification of multi-threaded programs. *Formal Aspects of Computing*, 25(3):405–437, May 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0261-4.

Banach:2013:AFR

[746] Richard Banach, Czeslaw Jeske, Anthony Hall, and Susan Stepney. Atomicity failure and the retrenchment atomicity pattern. *Formal Aspects of Computing*, 25(3):439–464, May 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0216-1.

Li:2013:IAS

[747] Yongjian Li and Jun Pang. An inductive approach to strand spaces. *Formal Aspects of Computing*, 25(4):465–501,

July 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0187-2.

Galpin:2013:HHM

[748] Vashti Galpin, Luca Bortolussi, and Jane Hillston. HYPE: Hybrid modelling by composition of flows. *Formal Aspects of Computing*, 25(4):503–541, July 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0189-0.

Poch:2013:TBP

[749] Tomás Poch, Ondrej Serý, Frantisek Plásil, and Jan Kofron. Threaded behavior protocols. *Formal Aspects of Computing*, 25(4):543–572, July 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0194-3.

Banach:2013:MGFa

[750] Richard Banach and Marco Bozzano. The mechanical generation of fault trees for reactive systems via retrenchment I: combinational circuits. *Formal Aspects of Computing*, 25(4):573–607, July 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0202-7.

Banach:2013:MGFb

[751] Richard Banach and Marco Bozzano. The mechanical generation of fault trees for reactive systems via retrenchment II: clocked and feedback circuits. *Formal Aspects of Computing*, 25(4):609–657, July 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0203-6.

Eshuis:2013:SPN

[752] Rik Eshuis. Statechartable Petri nets. *Formal Aspects of Computing*, 25(5):659–681, September 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0204-5; http://link.springer.com/content/pdf/10.1007/s00165-011-0204-5.pdf.

Brucker:2013:TPB

[753] Achim D. Brucker and Burkhart Wolff. On theorem prover-based testing. *Formal Aspects of Computing*, 25(5):683–721, September 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0222-y.

John:2013:CVC

[754] Mathias John, Hans-Jörg Schulz, Heidrun Schumann, Adelinde M. Uhrmacher, and Andrea Unger. Constructing and visualizing chemical reaction networks from pi-calculus models. *Formal Aspects of Computing*, 25(5):723–742, September 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0209-0.

Rabanal:2013:TRS

[755] Pablo Rabanal, Ismael Rodríguez, and Fernando Rubio. Testing restorable systems: formal definition and heuristic solution based on river formation dynamics. *Formal Aspects of Computing*, 25(5):743–768, September 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0206-3.

Doherty:2013:TFS

[756] Simon Doherty, Lindsay Groves, Victor Luchangco, and Mark Moir. Towards formally specifying and verifying transactional memory. *Formal Aspects of Computing*, 25(5):769–799, September 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0225-8.

Merro:2013:CTA

[757] Massimo Merro and Eleonora Sibilio. A calculus of trustworthy ad hoc networks. *Formal Aspects of Computing*, 25(5):801–832, September 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0210-7.

Stewart:2013:RAO

[758] Alan Stewart, Joaquim Gabarro, and Anthony Keenan. Reasoning about orchestrations of web services using partial correctness. *Formal Aspects of Computing*, 25(6):833–846, November 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0212-5; http://link.springer.com/content/pdf/10.1007/s00165-011-0212-5.pdf.

Fu:2013:SLS

[759] Xiang Fu, Michael C. Powell, Michael Bantegui, and Chung-Chih Li. Simple linear string constraints. *Formal Aspects of Computing*, 25(6):847–891, November 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0214-3.

Bornat:2013:ETN

[760] Richard Bornat and Hasan Amjad. Explanation of two non-blocking shared-variable communication algorithms. *Formal Aspects of Computing*, 25(6):893–931, November 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0213-4.

Bientinesi:2013:DDL

[761] Paolo Bientinesi, John A. Gunnels, Margaret E. Myers, Enrique S. Quintana-Ortí, Tyler Rhodes, Robert A. van de Geijn, and Field G. Van Zee. Deriving dense linear algebra libraries. *Formal Aspects of Computing*, 25(6):933–945, November 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0221-4.

Hesselink:2013:SFM

[762] Wim H. Hesselink and Mark IJbema. Starvation-free mutual exclusion with semaphores. *Formal Aspects of Computing*, 25(6):947–969, November 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-011-0219-y; http://link.springer.com/content/pdf/10.1007/s00165-011-0219-y.pdf.

Abed:2013:AVR

[763] Sa'ed Abed, Otmane Ait Mohamed, and Ghiath Al Sammane. Automatic verification of reduction techniques in higher order logic. *Formal Aspects of Computing*, 25(6):971–991, November 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0223-x.

Gottliebsen:2013:ARN

[764] Hanne Gottliebsen, Ruth Hardy, Olga Lightfoot, and Ursula Martin. Applications of real number theorem proving in PVS. *Formal Aspects of Computing*, 25(6):993–1016, November 2013. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0232-9; http://link.springer.com/content/pdf/10.1007/s00165-012-0232-9.pdf.

Boiten:2014:Ea

[765] Eerke Boiten and Steve Schneider. Editorial. *Formal Aspects of Computing*, 26(1):1–2, January 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0290-7; http://link.springer.com/content/pdf/10.1007/s00165-013-0290-7.pdf.

Bella:2014:ISC

[766] Giampaolo Bella. Inductive study of confidentiality: for everyone. *Formal Aspects of Computing*, 26(1):3–36, January 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0246-3.

Heather:2014:CPE

[767] James Heather, Steve Schneider, and Vanessa Teague. Cryptographic protocols with everyday objects. *Formal Aspects of Computing*, 26(1):37–62, January 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0274-7.

Moran:2014:VAV

[768] Murat Moran, James Heather, and Steve Schneider. Verifying anonymity in voting systems using CSP. *Formal Aspects of Computing*, 26(1):63–98, January 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0268-x.

Avalle:2014:FVS

[769] Matteo Avalle, Alfredo Pironti, and Riccardo Sisto. Formal verification of security protocol implementations: a survey. *Formal Aspects of Computing*, 26(1):99–123, January 2014. CODEN

FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0269-9`.

Pironti:2014:SAD

[770] Alfredo Pironti and Riccardo Sisto. Safe abstractions of data encodings in formal security protocol models. *Formal Aspects of Computing*, 26(1): 125–167, January 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0267-y`.

Hoang:2014:ANI

[771] T. S. Hoang, A. K. McIver, L. Meinicke, C. C. Morgan, A. Sloane, and E. Susatyo. Abstractions of non-interference security: probabilistic versus possibilistic. *Formal Aspects of Computing*, 26(1):169–194, January 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0237-4`.

Boiten:2014:Eb

[772] Eerke A. Boiten, John Derrick, and Steve Reeves. Editorial. *Formal Aspects of Computing*, 26(2):195, March 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-014-0293-z`; `http://link.springer.com/content/pdf/10.1007/s00165-014-0293-z.pdf`.

Petre:2014:KSM

[773] Luigia Petre, Elena Troubitsyna, and Marina Waldén. Kaisa Sere: In memoriam. *Formal Aspects of Computing*, 26(2):197–201, March 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-013-0292-5`; `http://link.springer.com/content/pdf/10.1007/s00165-013-0292-5.pdf`.

Llano:2014:DIT

[774] Maria Teresa Llano, Andrew Ireland, and Alison Pease. Discovery of invariants through automated theory formation. *Formal Aspects of Computing*, 26(2):203–249, March 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0264-1`.

Schneider:2014:BSE

[775] Steve Schneider, Helen Treharne, and Heike Wehrheim. The behavioural semantics of Event-B refinement. *Formal Aspects of Computing*, 26(2):251–280, March 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0265-0`.

Bostrom:2014:DCP

[776] Pontus Boström, Fredrik Degerlund, Kaisa Sere, and Marina Waldén. Derivation of concurrent programs by stepwise scheduling of Event-B models. *Formal Aspects of Computing*, 26(2):281–303, March 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0260-5`.

Boiten:2014:IEO

[777] Eerke A. Boiten. Introducing extra operations in refinement. *Formal Aspects of Computing*, 26(2):305–317, March 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0266-z`.

Banach:2014:CKA

[778] Richard Banach, Huibiao Zhu, Wen Su, and Runlei Huang. Continuous KAOS, ASM, and formal control system design across the continuous/discrete modeling interface: a simple train stopping application. *Formal Aspects of Computing*, 26(2):319–366, March 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0263-2`.

Miyazawa:2014:RBV

[779] Alvaro Miyazawa and Ana Cavalcanti. Refinement-based verification of implementations of Stateflow charts. *Formal Aspects of Computing*, 26(2):367–405, March 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-013-0291-6`.

Derrick:2014:RCR

[780] John Derrick and Eerke Boiten. Relational concurrent refinement part III: traces, partial relations and automata. *Formal Aspects of Computing*, 26(2):407–432, March 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0262-3`.

Jones:2014:Ea

[781] C. B. Jones. Editorial. *Formal Aspects of Computing*, 26(3):433, May 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-014-0298-7; http://link.springer.com/content/pdf/10.1007/s00165-014-0298-7.pdf`.

Brookes:2014:ER

[782] Stephen Brookes, Peter W. O'Hearn, and Uday Reddy. The essence of Reynolds. *Formal Aspects of Computing*, 26(3):435–439, May 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-014-0295-x`.

Nogueira:2014:TGS

[783] Sidney Nogueira, Augusto Sampaio, and Alexandre Mota. Test generation from state based use case models. *Formal Aspects of Computing*, 26(3):441–490, May 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-012-0258-z`.

Colvin:2014:OSO

[784] Robert J. Colvin. An operational semantics for object-oriented concepts based on the class hierarchy. *Formal Aspects of Computing*, 26(3):491–535, May 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.`

com/article/10.1007/s00165-012-0259-y.

Calder:2014:MIC

[785] Muffy Calder and Michele Sevegnani. Modelling IEEE 802.11 CSMA/CA RTS/CTS with stochastic bigraphs with sharing. *Formal Aspects of Computing*, 26(3):537–561, May 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0270-3; http://link.springer.com/content/pdf/10.1007/s00165-012-0270-3.pdf.

Dongol:2014:RAG

[786] Brijesh Dongol, Ian J. Hayes, and Peter J. Robinson. Reasoning about goal-directed real-time teleo-reactive programs. *Formal Aspects of Computing*, 26(3):563–589, May 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0272-1.

Dixit:2014:TBC

[787] Manoj G. Dixit, S. Ramesh, and Pallab Dasgupta. Time-budgeting: a component based development methodology for real-time embedded systems. *Formal Aspects of Computing*, 26(3):591–621, May 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-012-0273-0.

Liu:2014:CD

[788] Xi Liu, Shaofa Yang, and J. W. Sanders. Compensation by design. *Formal Aspects of Computing*, 26(4):623–676, July 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0275-6.

Konur:2014:FVP

[789] Savas Konur, Michael Fisher, Simon Dobson, and Stephen Knox. Formal verification of a pervasive messaging system. *Formal Aspects of Computing*, 26(4):677–694, July 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0277-4.

Sampath:2014:ETP

[790] Prahladavaradan Sampath. An elementary theory of product-line variations. *Formal Aspects of Computing*, 26(4):695–727, July 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0276-5.

Dong:2014:TVC

[791] Jin Song Dong, Yang Liu, Jun Sun, and Xian Zhang. Towards verification of computation orchestration. *Formal Aspects of Computing*, 26(4):729–759, July 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0280-9.

Damiani:2014:VTI

[792] Ferruccio Damiani, Johan Dovland, Einar Broch Johnsen, and Ina Schaefer. Verifying traits: an incremental proof system for fine-grained reuse. *Formal*

Aspects of Computing, 26(4):761–793, July 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0278-3.

Cavalcanti:2014:TDG

[793] Ana Cavalcanti, Steve King, Colin O'Halloran, and Jim Woodcock. Test-data generation for control coverage by proof. *Formal Aspects of Computing*, 26(4):795–823, July 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0279-2.

Chatterjee:2014:AGS

[794] Krishnendu Chatterjee and Vishwanath Raman. Assume-guarantee synthesis for digital contract signing. *Formal Aspects of Computing*, 26(4):825–859, July 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0283-6.

Jones:2014:Eb

[795] Cliff B. Jones. Editorial. *Formal Aspects of Computing*, 26(5):861, September 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0314-y; http://link.springer.com/content/pdf/10.1007/s00165-014-0314-y.pdf.

Tarlecki:2014:WMT

[796] Andrzej Tarlecki. Władysław Marek Turski (1938—2013). *Formal Aspects of Computing*, 26(5):863–864, September 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-014-0312-0; http://link.springer.com/article/10.1007/s00165-014-0312-0.

Cruz-Filipe:2014:SBS

[797] Luís Cruz-Filipe, Ivan Lanese, Francisco Martins, António Ravara, and Vasco Thudichum Vasconcelos. The stream-based service-centred calculus: a foundation for service-oriented programming. *Formal Aspects of Computing*, 26(5):865–918, September 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0284-5.

Frappier:2014:RPA

[798] Marc Frappier, Frédéric Gervais, Régine Laleau, and Jérémy Milhau. Refinement patterns for ASTDs. *Formal Aspects of Computing*, 26(5):919–941, September 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0286-3.

Yamagata:2014:FSE

[799] Yoriyuki Yamagata, Weiqiang Kong, Akira Fukuda, Nguyen Van Tang, Hitoshi Ohsaki, and Kenji Taguchi. A formal semantics of extended hierarchical state transition matrices using CSP#. *Formal Aspects of Computing*, 26(5):943–962, September 2014. CODEN FACME5. ISSN 0934-5043 (print),

1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0282-7.

Banks:2014:ICF

[800] Michael J. Banks and Jeremy L. Jacob. On integrating confidentiality and functionality in a formal method. *Formal Aspects of Computing*, 26(5): 963–992, September 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0285-4.

Ward:2014:PCD

[801] Martin Ward and Hussein Zedan. Provably correct derivation of algorithms using FermaT. *Formal Aspects of Computing*, 26(5):993–1031, September 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0287-2.

Ruksenas:2014:CHE

[802] Rimvydas Rukšėnas, Paul Curzon, Ann Blandford, and Jonathan Back. Combining human error verification and timing analysis: a case study on an infusion pump. *Formal Aspects of Computing*, 26(5):1033–1076, September 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0288-1.

Riccobene:2014:FFS

[803] Elvinia Riccobene and Patrizia Scandurra. A formal framework for service modeling and prototyping. *Formal Aspects of Computing*, 26(6): 1077–1113, November 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-013-0289-0.

Rossini:2014:FDM

[804] Alessandro Rossini, Juan de Lara, Esther Guerra, Adrian Rutle, and Uwe Wolter. A formalisation of deep metamodelling. *Formal Aspects of Computing*, 26(6):1115–1152, November 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0307-x.

Gunicen:2014:RBP

[805] Canan Güniçen, Kemal İnan, Uraz Cengiz Türker, and Hüsnü Yenigün. The relation between preset distinguishing sequences and synchronizing sequences. *Formal Aspects of Computing*, 26(6): 1153–1167, November 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0297-8.

Su:2014:ANM

[806] Li Su, Rodolfo Gomez, and Howard Bowman. Analysing neurobiological models using communicating automata. *Formal Aspects of Computing*, 26(6):1169–1204, November 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0294-y.

Daum:2014:CUU

[807] Matthias Daum, Nelson Billing, and Gerwin Klein. Concerned with the unprivileged: user programs in kernel refinement. *Formal Aspects of Computing*, 26(6):1205–1229, November 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0296-9.

Wu:2014:FRD

[808] Nicolas Wu and Andrew Simpson. Formal relational database design: an exercise in extending the formal template language. *Formal Aspects of Computing*, 26(6):1231–1269, November 2014. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0299-6.

Bonakdarpour:2015:SBT

[809] Borzoo Bonakdarpour and Sandeep S. Kulkarni. Synthesizing bounded-time 2-phase fault recovery. *Formal Aspects of Computing*, 27(1):1–31, January 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0325-8.

Yazid:2015:MEI

[810] Mohand Yazid, Djamil Aïssani, Louiza Bouallouche-Medjkoune, Nassim Amrouche, and Kamel Bakli. Modeling and enhancement of the IEEE 802.11 RTS/CTS scheme in an error-prone channel. *Formal Aspects of Computing*, 27(1):33–52, January 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0300-4.

Tarasyuk:2015:ISR

[811] Anton Tarasyuk, Elena Troubitsyna, and Linas Laibinis. Integrating stochastic reasoning into Event-B development. *Formal Aspects of Computing*, 27(1):53–77, January 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0305-z.

Elleuch:2015:FPA

[812] Maissa Elleuch, Osman Hasan, Sofiène Tahar, and Mohamed Abid. Formal probabilistic analysis of detection properties in wireless sensor networks. *Formal Aspects of Computing*, 27(1):79–102, January 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0304-0.

Ma:2015:VDS

[813] Qian Ma, Zhenhua Duan, Nan Zhang, and Xiaobing Wang. Verification of distributed systems with the axiomatic system of MSVL. *Formal Aspects of Computing*, 27(1):103–131, January 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0303-1.

Zhu:2015:DSA

[814] H. Zhu, Jifeng He, Shengchao Qin, and Phillip J. Brooke. Denotational

semantics and its algebraic derivation for an event-driven system-level language. *Formal Aspects of Computing*, 27(1):133–166, January 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0309-8.

Cheng:2015:UFR

[815] Shu Cheng, Jim Woodcock, and Deepak D'Souza. Using formal reasoning on a model of tasks for FreeRTOS. *Formal Aspects of Computing*, 27(1):167–192, January 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0308-9.

Lano:2015:FMT

[816] Kevin Lano, T. Clark, and S. Kolahdouz-Rahimi. A framework for model transformation verification. *Formal Aspects of Computing*, 27(1):193–235, January 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0313-z.

Jones:2015:MPH

[817] Cliff B. Jones. In memoriam: Professor Heinz Zemanek (1920–2014). *Formal Aspects of Computing*, 27(2):237, March 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-015-0332-4; http://link.springer.com/content/pdf/10.1007/s00165-015-0332-4.pdf.

Zave:2015:PCA

[818] P. Zave. A practical comparison of Alloy and Spin. *Formal Aspects of Computing*, 27(2):239–253, March 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0302-2.

Li:2015:FPA

[819] Yongjian Li and Jun Pang. Formalizing provable anonymity in Isabelle/HOL. *Formal Aspects of Computing*, 27(2):255–282, March 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0315-x.

Macedo:2015:LAA

[820] Hugo Daniel Macedo and José Nuno Oliveira. A linear algebra approach to OLAP. *Formal Aspects of Computing*, 27(2):283–307, March 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0316-9.

Sotudeh:2015:AAF

[821] Gholamreza Sotudeh and Ali Movaghar. Abstraction and approximation in fuzzy temporal logics and models. *Formal Aspects of Computing*, 27(2):309–334, March 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0318-7.

Mammar:2015:PBV

[822] Amel Mammar and Marc Frappier. Proof-based verification approaches for dynamic properties: application to the information system domain. *Formal Aspects of Computing*, 27(2):335–374, March 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0323-x.

Madeira:2015:RHI

[823] Alexandre Madeira, Manuel A. Martins, Luís S. Barbosa, and Rolf Hennicker. Refinement in hybridised institutions. *Formal Aspects of Computing*, 27(2):375–395, March 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0327-6.

Song:2015:MCD

[824] Fu Song and Tayssir Touili. Model checking dynamic pushdown networks. *Formal Aspects of Computing*, 27(2):397–421, March 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0330-y.

Zeyda:2015:LMB

[825] Frank Zeyda and Ana Cavalcanti. Laws of mission-based programming. *Formal Aspects of Computing*, 27(2):423–472, March 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0317-8.

Eleftherakis:2015:E

[826] George Eleftherakis, Michael Butler, and Mike Hinchey. Editorial. *Formal Aspects of Computing*, 27(3):473, May 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-015-0335-1; http://link.springer.com/content/pdf/10.1007/s00165-015-0335-1.pdf.

Jones:2015:BEF

[827] Cliff B. Jones, Ian J. Hayes, and Robert J. Colvin. Balancing expressiveness in formal approaches to concurrency. *Formal Aspects of Computing*, 27(3):475–497, May 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0310-2; http://link.springer.com/content/pdf/10.1007/s00165-014-0310-2.pdf.

Fathabadi:2015:LTS

[828] Asieh Salehi Fathabadi, Michael Butler, and Abdolbaghi Rezazadeh. Language and tool support for event refinement structures in Event-B. *Formal Aspects of Computing*, 27(3):499–523, May 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0311-1.

Ciobanu:2015:SBS

[829] Gabriel Ciobanu, Maciej Koutny, and Jason Steggles. Strategy based semantics for mobility with time and access permissions. *Formal Aspects of Computing*, 27(3):525–549, May

2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-014-0324-9`.

Din:2015:CRA

[830] Crystal Chang Din and Olaf Owe. Compositional reasoning about active objects with shared futures. *Formal Aspects of Computing*, 27(3):551–572, May 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-014-0322-y`.

Kirchner:2015:FCS

[831] Florent Kirchner, Nikolai Kosmatov, Virgile Prevosto, Julien Signoles, and Boris Yakobowski. Frama-C: A software analysis perspective. *Formal Aspects of Computing*, 27(3):573–609, May 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-014-0326-7`.

Butler:2015:E

[832] Michael Butler, Einar Broch Johnsen, and Luigia Petre. Editorial. *Formal Aspects of Computing*, 27(4):611–612, July 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-015-0338-y`; `http://link.springer.com/content/pdf/10.1007/s00165-015-0338-y.pdf`.

Laneve:2015:ATW

[833] Cosimo Laneve and Luca Padovani. An algebraic theory for web service contracts. *Formal Aspects of Computing*, 27(4):613–640, July 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-015-0334-2`.

Taha:2015:CAB

[834] Safouan Taha, Jacques Julliand, Frédéric Dadeau, Kalou Cabrera Castillos, and Bilal Kanso. A compositional automata-based semantics and preserving transformation rules for testing property patterns. *Formal Aspects of Computing*, 27(4):641–664, July 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-014-0328-5`.

Albert:2015:QAC

[835] Elvira Albert, Jesús Correas, Germán Puebla, and Guillermo Román-Díez. Quantified abstract configurations of distributed systems. *Formal Aspects of Computing*, 27(4):665–699, July 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-014-0321-z`.

Lucanu:2015:PEC

[836] Dorel Lucanu and Vlad Rusu. Program equivalence by circular reasoning. *Formal Aspects of Computing*, 27(4):701–726, July 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-014-0319-6`.

Olderog:2015:STD

[837] Ernst-Rüdiger Olderog and Mani Swaminathan. Structural transformations for data-enriched real-time systems. *Formal Aspects of Computing*, 27(4):727–750, July 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0306-y.

Woodcock:2015:E

[838] Jim Woodcock and Cliff Jones. Editorial. *Formal Aspects of Computing*, 27(5–6):751–752, November 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/content/pdf/10.1007/s00165-015-0344-0.pdf.

Polyvyanyy:2015:UNA

[839] Artem Polyvyanyy, Marcello La Rosa, Chun Ouyang, and Arthur H. M. ter Hofstede. Untanglings: a novel approach to analyzing concurrent systems. *Formal Aspects of Computing*, 27(5–6):753–788, November 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0329-4.

Dabaghchian:2015:MCO

[840] Maryam Dabaghchian and Mohammad Abdollahi Azgomi. Model checking the observational determinism security property using PROMELA and SPIN. *Formal Aspects of Computing*, 27(5–6):789–804, November 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-014-0331-x.

Rebiha:2015:GIN

[841] Rachid Rebiha, Arnaldo Vieira Moura, and Nadir Matringe. Generating invariants for non-linear loops by linear algebraic methods. *Formal Aspects of Computing*, 27(5–6):805–829, November 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-015-0333-3.

Castro:2015:CFS

[842] Pablo F. Castro, Nazareno Aguirre, Carlos L. Pombo, and T. S. E. Maibaum. Categorical foundations for structured specifications in Z. *Formal Aspects of Computing*, 27(5–6):831–865, November 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-015-0336-0.

Rosaci:2015:FSA

[843] Domenico Rosaci. Finding semantic associations in hierarchically structured groups of Web data. *Formal Aspects of Computing*, 27(5–6):867–884, November 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-015-0337-z.

Pasqualin:2015:TCA

[844] Douglas Pereira Pasqualin, Juliana Kaizer Vizzotto, and Eduardo Kessler Piveta.

Typed context awareness Ambient Calculus for pervasive applications. *Formal Aspects of Computing*, 27(5–6): 885–916, November 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-015-0339-x.

Al-Bataineh:2015:AWC

[845] Omar Al-Bataineh, Mark Reynolds, and Tim French. Accelerating worst case execution time analysis of timed automata models with cyclic behaviour. *Formal Aspects of Computing*, 27(5–6):917–949, November 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-015-0340-4.

Bouneb:2015:RML

[846] Messaouda Bouneb, Djamel Eddine Saidouni, and Jean Michel Ilie. A reduced maximality labeled transition system generation for recursive Petri nets. *Formal Aspects of Computing*, 27(5–6):951–973, November 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-015-0341-3.

Mota:2015:MCC

[847] A. Mota, A. Farias, J. Woodcock, and P. G. Larsen. Model checking CML: tool development and industrial applications. *Formal Aspects of Computing*, 27(5–6):975–1001, November 2015. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-015-0342-2.

Ipate:2016:UIC

[848] Florentin Ipate and Dimitris Dranidis. A unified integration and component testing approach from deterministic stream X-machine specifications. *Formal Aspects of Computing*, 28(1):1–20, March 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-015-0345-z; http://link.springer.com/article/10.1007/s00165-015-0345-z.

Khakpour:2016:SSB

[849] Narges Khakpour, Farhad Arbab, and Eric Rutten. Synthesizing structural and behavioral control for reconfigurations in component-based systems. *Formal Aspects of Computing*, 28(1):21–43, March 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-015-0346-y; http://link.springer.com/article/10.1007/s00165-015-0346-y.

Barnat:2016:ASR

[850] Jirí Barnat, Petr Bauch, Nikola Benes, Lubos Brim, Jan Beran, and Tomás Kratochvíla. Analysing sanity of requirements for avionics systems. *Formal Aspects of Computing*, 28(1):45–63, March 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-015-0348-9; http://link.springer.com/article/10.1007/s00165-015-0348-9.

Paiva:2016:GCT

[851] Sofia Costa Paiva and Adenilso Simao. Generation of complete test suites from mealy input/output transition systems. *Formal Aspects of Computing*, 28(1):65–78, March 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-015-0350-2; http://link.springer.com/article/10.1007/s00165-015-0350-2.

Wiik:2016:CBV

[852] Jonatan Wiik and Pontus Boström. Contract-based verification of MATLAB-style matrix programs. *Formal Aspects of Computing*, 28(1):79–107, March 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-015-0353-z; http://link.springer.com/article/10.1007/s00165-015-0353-z.

Fioriti:2016:DPA

[853] Luis María Ferrer Fioriti, Vahid Hashemi, Holger Hermanns, and Andrea Turrini. Deciding probabilistic automata weak bisimulation: theory and practice. *Formal Aspects of Computing*, 28(1):109–143, March 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0356-4; http://link.springer.com/article/10.1007/s00165-016-0356-4.

Vekris:2016:VEE

[854] Dimitris Vekris, Frédéric Lang, Catalin Dima, and Radu Mateescu. Verification of EB^3 specifications using CADP. *Formal Aspects of Computing*, 28(1):145–178, March 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0362-6.

Vekris:2016:VES

[855] Dimitris Vekris, Frédéric Lang, Catalin Dima, and Radu Mateescu. Verification of EB^3 specifications using CADP. *Formal Aspects of Computing*, 28(1):145–178, March 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0362-6; http://link.springer.com/article/10.1007/s00165-016-0362-6.

Butler:2016:E

[856] Michael Butler. Editorial. *Formal Aspects of Computing*, 28(2):179–180, April 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0368-0; http://link.springer.com/content/pdf/10.1007/s00165-016-0368-0.pdf.

Giannakopoulou:2016:E

[857] Dimitra Giannakopoulou, Gwen Salaün, and Michael Butler. Editorial. *Formal Aspects of Computing*, 28(2):179–180, April 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0368-0; http://link.springer.com/content/pdf/10.1007/s00165-016-0368-0.pdf.

Keshishzadeh:2016:FTC

[858] Sarmen Keshishzadeh and Arjan J. Mooij. Formalizing and testing the consistency of DSL transformations. *Formal Aspects of Computing*, 28 (2):181–206, April 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0359-1; http://link.springer.com/content/pdf/10.1007/s00165-016-0359-1.pdf.

Attie:2016:GFA

[859] Paul Attie, Eduard Baranov, Simon Bliudze, Mohamad Jaber, and Joseph Sifakis. A general framework for architecture composability. *Formal Aspects of Computing*, 28(2):207–231, April 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-015-0349-8; http://link.springer.com/content/pdf/10.1007/s00165-015-0349-8.pdf.

Cassel:2016:ALE

[860] Sofia Cassel, Falk Howar, Bengt Jonsson, and Bernhard Steffen. Active learning for extended finite state machines. *Formal Aspects of Computing*, 28(2):233–263, April 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0355-5; http://link.springer.com/article/10.1007/s00165-016-0355-5.

Armstrong:2016:BPC

[861] Alasdair Armstrong, Victor B. F. Gomes, and Georg Struth. Building program construction and verification tools from algebraic principles. *Formal Aspects of Computing*, 28(2):265–293, April 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-015-0343-1; http://link.springer.com/article/10.1007/s00165-015-0343-1.

Dobrikov:2016:OPM

[862] Ivaylo Dobrikov and Michael Leuschel. Optimising the ProB model checker for B using partial order reduction. *Formal Aspects of Computing*, 28 (2):295–323, April 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-015-0351-1; http://link.springer.com/article/10.1007/s00165-015-0351-1.

Hesselink:2016:CCC

[863] Wim H. Hesselink. Correctness and concurrent complexity of the Black–White Bakery Algorithm. *Formal Aspects of Computing*, 28(2):325–341, April 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0364-4; http://link.springer.com/content/pdf/10.1007/s00165-016-0364-4.pdf.

Merz:2016:Ea

[864] Stephan Merz, Jun Pang, and Jin Song Dong. Editorial. *Formal Aspects of Computing*, 28(3):343–344, May 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (elec-

tronic). URL http://link.springer.com/article/10.1007/s00165-016-0378-y; http://link.springer.com/content/pdf/10.1007/s00165-016-0378-y.pdf.

Merz:2016:Eb

[865] Stephan Merz, Jun Pang, and Jin Song Dong. Editorial. *Formal Aspects of Computing*, 28(3):343–344, May 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0378-y; http://link.springer.com/content/pdf/10.1007/s00165-016-0378-y.pdf.

Molnar:2016:CWI

[866] Vince Molnár, András Vörös, Dániel Darvas, Tamás Bartha, and István Majzik. Component-wise incremental LTL model checking. *Formal Aspects of Computing*, 28(3):345–379, May 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-015-0347-x; http://link.springer.com/article/10.1007/s00165-015-0347-x.

Boulgakov:2016:CMW

[867] Alexandre Boulgakov, Thomas Gibson-Robinson, and A. W. Roscoe. Computing maximal weak and other bisimulations. *Formal Aspects of Computing*, 28(3):381–407, May 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0366-2; http://link.springer.com/article/10.1007/s00165-016-0366-2.

Hamiaz:2016:CCM

[868] Mounira Kezadri Hamiaz, Marc Pantel, Xavier Thirioux, and Benoit Combemale. Correct-by-construction model driven engineering composition operators. *Formal Aspects of Computing*, 28(3):409–440, May 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0354-6; http://link.springer.com/article/10.1007/s00165-016-0354-6.

Bagheri:2016:MDS

[869] Hamid Bagheri and Kevin Sullivan. Model-driven synthesis of formally precise, stylized software architectures. *Formal Aspects of Computing*, 28(3):441–467, May 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0360-8; http://link.springer.com/article/10.1007/s00165-016-0360-8.

Ciobaca:2016:LIP

[870] Stefan Ciobâca, Dorel Lucanu, Vlad Rusu, and Grigore Rosu. A language-independent proof system for full program equivalence. *Formal Aspects of Computing*, 28(3):469–497, May 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0361-7; http://link.springer.com/article/10.1007/s00165-016-0361-7.

Feo-Arenis:2016:RTE

[871] Sergio Feo-Arenis, Bernd Westphal, Daniel Dietsch, Marco Muñiz, Siyar Andisha, and Andreas Podelski. Ready for testing: ensuring conformance to industrial standards through formal verification. *Formal Aspects of Computing*, 28(3):499–527, May 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0365-3; http://link.springer.com/article/10.1007/s00165-016-0365-3.

Carbone:2016:E

[872] Marco Carbone, Thomas Hildebrandt, Joachim Parrow, and Matthias Weidlich. Editorial. *Formal Aspects of Computing*, 28(4):529–530, July 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0386-y; http://link.springer.com/content/pdf/10.1007/s00165-016-0386-y.pdf.

DiGiusto:2016:EBR

[873] Cinzia Di Giusto and Jorge A. Pérez. Event-based run-time adaptation in communication-centric systems. *Formal Aspects of Computing*, 28(4):531–566, July 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0377-z; http://link.springer.com/content/pdf/10.1007/s00165-016-0377-z.pdf.

Arcaini:2016:ABF

[874] Paolo Arcaini, Roxana-Maria Holom, and Elvinia Riccobene. ASM-based formal design of an adaptivity component for a cloud system. *Formal Aspects of Computing*, 28(4):567–595, July 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0371-5; http://link.springer.com/article/10.1007/s00165-016-0371-5.

Polyvyanyy:2016:EPB

[875] Artem Polyvyanyy, Abel Armas-Cervantes, Marlon Dumas, and Luciano García-Bañuelos. On the expressive power of behavioral profiles. *Formal Aspects of Computing*, 28(4):597–613, July 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0372-4; http://link.springer.com/article/10.1007/s00165-016-0372-4.

Montali:2016:MCP

[876] Marco Montali and Andrey Rivkin. Model checking Petri nets with names using data-centric dynamic systems. *Formal Aspects of Computing*, 28(4):615–641, July 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0370-6; http://link.springer.com/article/10.1007/s00165-016-0370-6.

Ghilezan:2016:DRA

[877] Silvia Ghilezan, Svetlana Jakšić, Jovanka Pantović, Jorge A. Pérez, and Hugo Torres Vieira. Dynamic role

authorization in multiparty conversations. *Formal Aspects of Computing*, 28(4):643–667, July 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0363-5; http://link.springer.com/content/pdf/10.1007/s00165-016-0363-5.pdf.

Castellani:2016:SAS

[878] Ilaria Castellani, Mariangiola Dezani-Ciancaglini, and Jorge A. Pérez. Self-adaptation and secure information flow in multiparty communications. *Formal Aspects of Computing*, 28(4):669–696, July 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0381-3; http://link.springer.com/content/pdf/10.1007/s00165-016-0381-3.pdf.

Barbanera:2016:RCS

[879] Franco Barbanera, Mariangiola Dezani-Ciancaglini, and Ugo de'Liguoro. Reversible client/server interactions. *Formal Aspects of Computing*, 28(4):697–722, July 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0358-2; http://link.springer.com/article/10.1007/s00165-016-0358-2.

Merz:2016:Ec

[880] Stephan Merz, Jun Pang, and Jin Song Dong. Editorial. *Formal Aspects of Computing*, 28(5):723–724, September 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0390-2; http://link.springer.com/content/pdf/10.1007/s00165-016-0390-2.pdf.

Carvalho:2016:MTR

[881] Gustavo Carvalho, Ana Cavalcanti, and Augusto Sampaio. Modelling timed reactive systems from natural-language requirements. *Formal Aspects of Computing*, 28(5):725–765, September 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0387-x; http://link.springer.com/article/10.1007/s00165-016-0387-x.

Jebali:2016:FMV

[882] Fatma Jebali, Frédéric Lang, and Radu Mateescu. Formal modelling and verification of GALS systems using GRL and CADP. *Formal Aspects of Computing*, 28(5):767–804, September 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0373-3; http://link.springer.com/article/10.1007/s00165-016-0373-3.

Andre:2016:FCU

[883] Étienne André, Mohamed Mahdi Benmoussa, and Christine Choppy. Formalising concurrent UML state machines using coloured Petri nets. *Formal Aspects of Computing*, 28(5):805–845, September 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http:

//link.springer.com/accesspage/article/10.1007/s00165-016-0388-9; http://link.springer.com/article/10.1007/s00165-016-0388-9.

Chevrou:2016:DAC

[884] Florent Chevrou, Aurélie Hurault, and Philippe Quéinnec. On the diversity of asynchronous communication. *Formal Aspects of Computing*, 28(5): 847–879, September 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0379-x; http://link.springer.com/article/10.1007/s00165-016-0379-x.

Siddique:2016:FAG

[885] Umair Siddique and Sofiène Tahar. On the formal analysis of Gaussian optical systems in HOL. *Formal Aspects of Computing*, 28(5): 881–907, September 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0367-1; http://link.springer.com/article/10.1007/s00165-016-0367-1.

Hoang:2016:FUL

[886] Thai Son Hoang, Steve Schneider, Helen Treharne, and David M. Williams. Foundations for using linear temporal logic in Event-B refinement. *Formal Aspects of Computing*, 28(6): 909–935, November 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0376-0; http://link.springer.com/content/pdf/10.1007/s00165-016-0376-0.pdf.

Oliveira:2016:RDC

[887] M. V. M. Oliveira, P. Antonino, R. Ramos, A. Sampaio, A. Mota, and A. W. Roscoe. Rigorous development of component-based systems using component metadata and patterns. *Formal Aspects of Computing*, 28(6): 937–1004, November 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0375-1; http://link.springer.com/article/10.1007/s00165-016-0375-1.

Aransay:2016:FCE

[888] Jesús Aransay and Jose Divasón. Formalisation of the computation of the echelon form of a matrix in Isabelle/HOL. *Formal Aspects of Computing*, 28(6):1005–1026, November 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0383-1; http://link.springer.com/article/10.1007/s00165-016-0383-1.

Kirwan:2016:MCL

[889] Ryan Kirwan, Alice Miller, and Bernd Porr. Model checking learning agent systems using Promela with embedded C code and abstraction. *Formal Aspects of Computing*, 28(6): 1027–1056, November 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0382-2; http://link.springer.com/content/pdf/10.1007/s00165-016-0382-2.pdf.

Hayes:2016:GRG

[890] Ian J. Hayes. Generalised rely-guarantee concurrency: an algebraic foundation. *Formal Aspects of Computing*, 28(6):1057–1078, November 2016. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0384-0; http://link.springer.com/article/10.1007/s00165-016-0384-0.

Proietti:2017:E

[891] Maurizio Proietti, Hirohisa Seki, and Jim Woodcock. Editorial. *Formal Aspects of Computing*, 29(1):1–2, January 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0408-9; http://link.springer.com/content/pdf/10.1007/s00165-016-0408-9.pdf.

Giacobazzi:2017:MIO

[892] Roberto Giacobazzi, Isabella Mastroeni, and Mila Dalla Preda. Maximal incompleteness as obfuscation potency. *Formal Aspects of Computing*, 29(1):3–31, January 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0374-2; http://link.springer.com/article/10.1007/s00165-016-0374-2.

Chawdhary:2017:PES

[893] Aziem Chawdhary, Ranjeet Singh, and Andy King. Partial evaluation of string obfuscations for Java malware detection. *Formal Aspects of Computing*, 29(1):33–55, January 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0357-3; http://link.springer.com/article/10.1007/s00165-016-0357-3.

Christiansen:2017:PCM

[894] Henning Christiansen and Maja H. Kirkeby. On proving confluence modulo equivalence for constraint handling rules. *Formal Aspects of Computing*, 29(1):57–95, January 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0396-9; http://link.springer.com/article/10.1007/s00165-016-0396-9.

Arias:2017:CLP

[895] Emilio Jesús Gallego Arias, James Lipton, and Julio Mariño. Constraint logic programming with a relational machine. *Formal Aspects of Computing*, 29(1):97–124, January 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0369-z; http://link.springer.com/article/10.1007/s00165-016-0369-z.

Nys:2017:ACP

[896] Vincent Nys and Danny De Schreye. Abstract conjunctive partial deduction for the analysis and compilation of coroutines. *Formal Aspects of Computing*, 29(1):125–153, January 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/

article/10.1007/s00165-016-0389-8; http://link.springer.com/article/10.1007/s00165-016-0389-8.

Drabent:2017:PCL

[897] Włodzimierz Drabent. Proving completeness of logic programs with the cut. *Formal Aspects of Computing*, 29 (1):155–172, January 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0392-0; http://link.springer.com/article/10.1007/s00165-016-0392-0.

Anonymous:2017:OAL

[898] Anonymous. [Obituary:] Amílcar Sernadas. *Formal Aspects of Computing*, 29(2):173, March 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0423-5; http://link.springer.com/content/pdf/10.1007/s00165-017-0423-5.pdf.

Bjorner:2017:MDA

[899] Dines Bjørner. Manifest domains: analysis and description. *Formal Aspects of Computing*, 29(2): 175–225, March 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0385-z; http://link.springer.com/article/10.1007/s00165-016-0385-z.

Li:2017:RAA

[900] Qin Li and Graeme Smith. Refining autonomous agents with declarative beliefs and desires. *Formal Aspects of Computing*, 29(2): 227–249, March 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0391-1; http://link.springer.com/article/10.1007/s00165-016-0391-1.

Bhattacharyya:2017:ECF

[901] Anirban Bhattacharyya, Andrey Mokhov, and Ken Pierce. An empirical comparison of formalisms for modelling and analysis of dynamic reconfiguration of dependable systems. *Formal Aspects of Computing*, 29(2):251–307, March 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0405-z; http://link.springer.com/content/pdf/10.1007/s00165-016-0405-z.pdf.

Riesco:2017:MEC

[902] Adrián Riesco, Kazuhiro Ogata, and Kokichi Futatsugi. A Maude environment for CafeOBJ. *Formal Aspects of Computing*, 29(2): 309–334, March 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0398-7; http://link.springer.com/article/10.1007/s00165-016-0398-7.

Huang:2017:CMB

[903] Wen ling Huang and Jan Peleska. Complete model-based equivalence class testing for nondeterministic systems. *Formal Aspects of Computing*, 29 (2):335–364, March 2017. CODEN FACME5. ISSN 0934-5043 (print),

1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0402-2; http://link.springer.com/article/10.1007/s00165-016-0402-2.

Banerjee:2017:DBR

[904] Kunal Banerjee, Dipankar Sarkar, and Chittaranjan Mandal. Deriving bisimulation relations from path based equivalence checkers. *Formal Aspects of Computing*, 29(2): 365–379, March 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/accesspage/article/10.1007/s00165-016-0406-y; http://link.springer.com/article/10.1007/s00165-016-0406-y.

Falaschi:2017:E

[905] Moreno Falaschi and Augusto Sampaio. Editorial. *Formal Aspects of Computing*, 29(3):381–382, May 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/content/pdf/10.1007/s00165-017-0427-1.pdf.

Miller:2017:PCL

[906] Dale Miller. Proof checking and logic programming. *Formal Aspects of Computing*, 29(3):383–399, May 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Seki:2017:DPC

[907] Hirohisa Seki. On dual programs in co-logic programming and the Horn μ-calculus. *Formal Aspects of Computing*, 29(3):401–421, May 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Meseguer:2017:EFP

[908] José Meseguer and Stephen Skeirik. Equational formulas and pattern operations in initial order-sorted algebras. *Formal Aspects of Computing*, 29(3):423–452, May 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Fu:2017:OSR

[909] Peng Fu and Ekaterina Komendantskaya. Operational semantics of resolution and productivity in Horn clause logic. *Formal Aspects of Computing*, 29(3):453–474, May 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/content/pdf/10.1007/s00165-016-0403-1.pdf.

Antoy:2017:TBE

[910] Sergio Antoy and Michael Hanus. Transforming Boolean equalities into constraints. *Formal Aspects of Computing*, 29(3):475–494, May 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Chaudhari:2017:APT

[911] Dipak L. Chaudhari and Om Damani. Assumption propagation through annotated programs. *Formal Aspects of Computing*, 29(3):495–530, May 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Comini:2017:PAF

[912] Marco Comini, María del Mar Gallardo, Laura Titolo, and Alicia Vil-

lanueva. A program analysis framework for tccp based on abstract interpretation. *Formal Aspects of Computing*, 29(3):531–557, May 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Codish:2017:OSA

[913] Michael Codish, Luís Cruz-Filipe, Markus Nebel, and Peter Schneider-Kamp. Optimizing sorting algorithms by using sorting networks. *Formal Aspects of Computing*, 29(3):559–579, May 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Li:2017:E

[914] Xuandong Li and Zhiming Liu. Editorial. *Formal Aspects of Computing*, 29(4):581–582, July 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/content/pdf/10.1007/s00165-017-0431-5.pdf`.

Bochmann:2017:SVC

[915] Gregor V. Bochmann, Martin Hilscher, Sven Linker, and Ernst-Rüdiger Olderog. Synthesizing and verifying controllers for multi-lane traffic maneuvers. *Formal Aspects of Computing*, 29(4):583–600, July 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Faitelson:2017:IDD

[916] David Faitelson and Shmuel Tyszberowicz. Improving design decomposition (extended version). *Formal Aspects of Computing*, 29(4):601–627, July 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Hatefi:2017:CVT

[917] Hassan Hatefi, Ralf Wimmer, Bettina Braitling, Luis María Ferrer Fioriti, Bernd Becker, and Holger Hermanns. Cost vs. time in stochastic games and Markov automata. *Formal Aspects of Computing*, 29(4):629–649, July 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Junges:2017:FTD

[918] Sebastian Junges, Dennis Guck, Joost-Pieter Katoen, Arend Rensink, and Mariëlle Stoelinga. Fault trees on a diet: automated reduction by graph rewriting. *Formal Aspects of Computing*, 29(4):651–703, July 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Moszkowski:2017:ATP

[919] Ben Moszkowski and Dimitar P. Guelev. An application of temporal projection to interleaving concurrency. *Formal Aspects of Computing*, 29(4):705–750, July 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Wang:2017:CMV

[920] Shuling Wang, Naijun Zhan, and Lijun Zhang. A compositional modelling and verification framework for stochastic hybrid systems. *Formal Aspects of Computing*, 29(4):751–775, July 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic).

Jancik:2017:PSM

[921] Pavel Jancík and Jan Kofron. On partial state matching. *Formal Aspects*

of Computing, 29(5):777–803, September 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0413-z.

Gaina:2017:BSC

[922] Daniel Gaina. Birkhoff style calculi for hybrid logics. *Formal Aspects of Computing*, 29(5):805–832, September 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0414-y.

Hesselink:2017:TME

[923] Wim H. Hesselink. Tournaments for mutual exclusion: verification and concurrent complexity. *Formal Aspects of Computing*, 29(5):833–852, September 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-016-0407-x; https://link.springer.com/content/pdf/10.1007/s00165-016-0407-x.pdf.

Colvin:2017:DSM

[924] Robert J. Colvin, Ian J. Hayes, and Larissa A. Meinicke. Designing a semantic model for a wide-spectrum language with concurrency. *Formal Aspects of Computing*, 29(5):853–875, September 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0416-4.

Neykova:2017:TRM

[925] Rumyana Neykova, Laura Bocchi, and Nobuko Yoshida. Timed runtime monitoring for multiparty conversations. *Formal Aspects of Computing*, 29(5):877–910, September 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0420-8; https://link.springer.com/content/pdf/10.1007/s00165-017-0420-8.pdf.

Schrammel:2017:IBM

[926] Peter Schrammel, Daniel Kroening, Martin Brain, Ruben Martins, Tino Teige, and Tom Bienmüller. Incremental bounded model checking for embedded software. *Formal Aspects of Computing*, 29(5):911–931, September 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0419-1; https://link.springer.com/content/pdf/10.1007/s00165-017-0419-1.pdf.

Anonymous:2017:MJC

[927] Anonymous. Michael J. C. Gordon, FRS, Professor of Computer Assisted Reasoning (28 February 1948–22 August 2017). *Formal Aspects of Computing*, 29(6):933, November 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0438-y; https://link.springer.com/content/pdf/10.1007/s00165-017-0438-y.pdf.

Smith:2017:RTR

[928] Graeme Smith and Kirsten Winter. Relating trace refinement and linearizability. *Formal Aspects of Computing*, 29 (6):935–950, November 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0418-2.

Nazarpour:2017:CPS

[929] Hosein Nazarpour, Yliès Falcone, Saddek Bensalem, and Marius Bozga. Concurrency-preserving and sound monitoring of multi-threaded component-based systems: theory, algorithms, implementation, and evaluation. *Formal Aspects of Computing*, 29(6): 951–986, November 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0422-6.

Graiet:2017:VDA

[930] Mohamed Graiet, Lazhar Hamel, Amel Mammar, and Samir Tata. A verification and deployment approach for elastic component-based applications. *Formal Aspects of Computing*, 29(6): 987–1011, November 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0425-3.

Demasi:2017:SRF

[931] Ramiro Demasi, Pablo F. Castro, Thomas S. E. Maibaum, and Nazareno Aguirre. Simulation relations for fault-tolerance. *Formal Aspects of Computing*, 29(6):1013–1050, November 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0426-2.

Yousefi:2017:MEV

[932] Behnaz Yousefi, Fatemeh Ghassemi, and Ramtin Khosravi. Modeling and efficient verification of wireless ad hoc networks. *Formal Aspects of Computing*, 29(6):1051–1086, November 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0429-z.

Eggert:2017:DIN

[933] Sebastian Eggert and Ron van der Meyden. Dynamic intransitive noninterference revisited. *Formal Aspects of Computing*, 29(6):1087–1120, November 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0430-6.

Jones:2017:BRT

[934] Cliff B. Jones. Book review: *The Turing Guide*, By Jack Copeland, Jonathan Bowen, Mark Sprevak, Robin Wilson and others. Oxford University Press, Oxford, UK, 26 January 2017, xv + 576 pp, 246 × 189 mm, ISBN: 978-0-19-874782-6 (Hardback, $75.00), ISBN: 978-0-19-874783-3 (Paperback, $19.99). *Formal Aspects of Computing*, 29(6):1121–1122, November 2017. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0446-y.

Denney:2018:E

[935] Ewen Denney, Perdita Stevens, and Andrzej Wasowski. Editorial. *Formal Aspects of Computing*, 30(1):1, January 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0448-9; https://link.springer.com/content/pdf/10.1007/s00165-017-0448-9.pdf.

dePutter:2018:FVT

[936] Sander de Putter and Anton Wijs. A formal verification technique for behavioural model-to-model transformations. *Formal Aspects of Computing*, 30(1):3–43, January 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0437-z; https://link.springer.com/content/pdf/10.1007/s00165-017-0437-z.pdf.

Chrszon:2018:PFO

[937] Philipp Chrszon, Clemens Dubslaff, Sascha Klüppelholz, and Christel Baier. ProFeat: feature-oriented engineering for family-based probabilistic model checking. *Formal Aspects of Computing*, 30(1):45–75, January 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0432-4.

Gerhold:2018:MBT

[938] Marcus Gerhold and Mariëlle Stoelinga. Model-based testing of probabilistic systems. *Formal Aspects of Computing*, 30(1):77–106, January 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0440-4; https://link.springer.com/content/pdf/10.1007/s00165-017-0440-4.pdf.

Lechenet:2018:CBB

[939] Jean-Christophe Léchenet, Nikolai Kosmatov, and Pascale Le Gall. Cut branches before looking for bugs: certifiably sound verification on relaxed slices. *Formal Aspects of Computing*, 30(1):107–131, January 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0439-x.

Struber:2018:VBM

[940] D. Strüber, J. Rubin, T. Arendt, M. Chechik, G. Taentzer, and J. Plöger. Variability-based model transformation: formal foundation and application. *Formal Aspects of Computing*, 30(1):133–162, January 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0441-3.

Corrodi:2018:SCW

[941] Claudio Corrodi, Alexander Heußner, and Christopher M. Poskitt. A semantics comparison workbench for a concurrent, asynchronous, distributed programming language. *Formal Aspects of Computing*, 30(1):163–192, January 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-017-0443-1.

Li:2018:ETS

[942] Jianwen Li, Lijun Zhang, Shufang Zhu, Geguang Pu, Moshe Y. Vardi, and Jifeng He. An explicit transition system construction approach to LTL satisfiability checking. *Formal Aspects of Computing*, 30(2):193–217, March 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-017-0442-2`.

Zhang:2018:FVQ

[943] Hui Zhang and Jinzhao Wu. Formal verification and quantitative metrics of MPSoC data dynamics. *Formal Aspects of Computing*, 30(2):219–237, March 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-017-0444-0`.

Pedersen:2018:SCV

[944] Jan B. Pedersen and Peter H. Welch. The symbiosis of concurrency and verification: teaching and case studies. *Formal Aspects of Computing*, 30(2):239–277, March 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-017-0447-x; https://link.springer.com/content/pdf/10.1007/s00165-017-0447-x.pdf`.

Sisto:2018:FSI

[945] Riccardo Sisto, Piergiuseppe Bettassa Copet, Matteo Avalle, and Alfredo Pironti. Formally sound implementations of security protocols with JavaSPI. *Formal Aspects of Computing*, 30(2):279–317, March 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-017-0449-8`.

El-Fakih:2018:ADT

[946] Khaled El-Fakih, Nina Yevtushenko, and Natalia Kushik. Adaptive distinguishing test cases of nondeterministic finite state machines: test case derivation and length estimation. *Formal Aspects of Computing*, 30(2):319–332, March 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-017-0450-2`.

Santos:2018:ASM

[947] Filipe Santos, Krystian Kwiecinski, Ana de Almeida, Sara Eloy, and Bruno Taborda. Alternative shaper: a model for automatic design generation. *Formal Aspects of Computing*, 30(3–4):333–349, August 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0452-8`.

Shi:2018:USC

[948] Ling Shi, Yongxin Zhao, Yang Liu, Jun Sun, Jin Song Dong, and Shengchao Qin. A UTP semantics for communicating processes with shared variables and its formal encoding in PVS. *Formal Aspects of Computing*, 30(3–4):351–380, August 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0453-7`.

Bao:2018:USL

[949] Yuyan Bao, Gary T. Leavens, and Gidon Ernst. Unifying separation logic and region logic to allow interoperability. *Formal Aspects of Computing*, 30 (3–4):381–441, August 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0455-5`.

Jing:2018:CTM

[950] Yaping Jing and Andrew S. Miner. Computation tree measurement language (CTML). *Formal Aspects of Computing*, 30(3–4):443–462, August 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0457-3`.

Chane-Yack-Fa:2018:PVM

[951] Raphaël Chane-Yack-Fa, Marc Frappier, Amel Mammar, and Alain Finkel. Parameterized verification of monotone information systems. *Formal Aspects of Computing*, 30(3–4):463–489, August 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0460-8`.

Hallerstede:2018:BRT

[952] Stefan Hallerstede. Book review: Tobias Nipkow and Gerwin Klein: *Concrete Semantics with Isabelle/HOL*, Springer Verlag, 2014, x + 289 pp, EUR 63,29 (Hardback), ISBN 978-3-319-10542-0, http://www.concrete-semantics.org/. *Formal Aspects of Computing*, 30(3–4):491–492, August 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0454-6`.

Bjorner:2018:E

[953] Nikolaj Bjørner, Frank de Boer, and Andrew Butterfield. Editorial. *Formal Aspects of Computing*, 30(5): 493–494, September 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0463-5; https://link.springer.com/content/pdf/10.1007/s00165-018-0463-5.pdf`.

Polikarpova:2018:FVC

[954] Nadia Polikarpova, Julian Tschannen, and Carlo A. Furia. A fully verified container library. *Formal Aspects of Computing*, 30(5):495–523, September 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-017-0435-1; https://link.springer.com/content/pdf/10.1007/s00165-017-0435-1.pdf`.

Bagheri:2018:FAD

[955] Hamid Bagheri, Eunsuk Kang, Sam Malek, and Daniel Jackson. A formal approach for detection of security flaws in the Android permission system. *Formal Aspects of Computing*, 30 (5):525–544, September 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-017-0445-z`.

Schneider:2018:MBP

[956] David Schneider, Michael Leuschel, and Tobias Witt. Model-based problem solving for university timetable validation and improvement. *Formal Aspects of Computing*, 30(5):545–569, September 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0461-7`.

Elkader:2018:ACA

[957] Karam Abd Elkader, Orna Grumberg, Corina S. Păsăreanu, and Sharon Shoham. Automated circular assume-guarantee reasoning. *Formal Aspects of Computing*, 30(5):571–595, September 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-017-0436-0`.

Derrick:2018:MPO

[958] John Derrick, Simon Doherty, Brijesh Dongol, Gerhard Schellhorn, Oleg Travkin, and Heike Wehrheim. Mechanized proofs of opacity: a comparison of two techniques. *Formal Aspects of Computing*, 30(5):597–625, September 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-017-0433-3`; `https://link.springer.com/content/pdf/10.1007/s00165-017-0433-3.pdf`.

Aichernig:2018:SST

[959] Bernhard K. Aichernig, Carlo A. Furia, Marie-Claude Gaudel, and Rob Hierons. Special section of Tests and Proofs 2016. *Formal Aspects of Computing*, 30(6):627–628, November 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0474-2`; `https://link.springer.com/content/pdf/10.1007/s00165-018-0474-2.pdf`.

Petiot:2018:HTH

[960] Guillaume Petiot, Nikolai Kosmatov, Bernard Botella, Alain Giorgetti, and Jacques Julliand. How testing helps to diagnose proof failures. *Formal Aspects of Computing*, 30(6):629–657, November 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0456-4`.

Dubois:2018:TPC

[961] Catherine Dubois and Alain Giorgetti. Tests and proofs for custom data generators. *Formal Aspects of Computing*, 30(6):659–684, November 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0459-1`.

Bruni:2018:COA

[962] Roberto Bruni, Roberto Giacobazzi, and Roberta Gori. Code obfuscation against abstraction refinement attacks. *Formal Aspects of Computing*, 30(6):685–711, November 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-018-0462-6`.

Xie:2018:UAR

[963] Wanling Xie, Shuangqing Xiang, and Huibiao Zhu. A UTP approach for rTiMo. *Formal Aspects of Computing*, 30(6):713–738, November 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-0467-1.

Shi:2018:FAK

[964] Zhiping Shi, Aixuan Wu, Xiumei Yang, Yong Guan, Yongdong Li, and Xiaoyu Song. Formal analysis of the kinematic Jacobian in screw theory. *Formal Aspects of Computing*, 30(6):739–757, November 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-0468-0.

Monahan:2018:BRD

[965] Rosemary Monahan. Book review: Daniel Kroening and Ofer Strichman: *Decision procedures*, Springer Verlag, 2016, xxi + 356 pp. ISBN 978-3-662-50496-3 (hardback, EUR 69,67), http://www.decision-procedures.org/. *Formal Aspects of Computing*, 30(6):759, November 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-0466-2; https://link.springer.com/content/pdf/10.1007/s00165-018-0466-2.pdf.

Bowen:2018:BRE

[966] Jonathan P. Bowen. Book review: Egon Börger and Alexander Raschke: *Modeling companion for software practitioners*, Springer, 2018, xxi + 349 pp, ISBN: 978-3-662-56639-8 (Paperback, £46.99), eISBN: 978-3-662-56641-1 (eBook, £36.99), https://doi.org/10.1007/978-3-662-56641-1. *Formal Aspects of Computing*, 30(6):761–762, November 2018. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-0472-4.

Franzle:2019:E

[967] Martin Fränzle, Deepak Kapur, Heike Wehrheim, and Naijun Zhan. Editorial. *Formal Aspects of Computing*, 31(1):1, February 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-00477-6; https://link.springer.com/content/pdf/10.1007/s00165-018-00477-6.pdf.

Ying:2019:TAV

[968] Mingsheng Ying. Toward automatic verification of quantum programs. *Formal Aspects of Computing*, 31(1):3–25, February 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-0465-3.

Mizera:2019:GAS

[969] Andrzej Mizera, Jun Pang, and Qixia Yuan. GPU-accelerated steady-state computation of large probabilistic Boolean networks. *Formal Aspects of Computing*, 31(1):27–46, February 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.

com/article/10.1007/s00165-018-0470-6.

Dong:2019:EPN

[970] Xiaoju Dong, Yuxi Fu, and Daniele Varacca. Extensional Petri net. *Formal Aspects of Computing*, 31(1): 47–58, February 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-0473-3.

Bozzano:2019:FRA

[971] Marco Bozzano, Alessandro Cimatti, and Cristian Mattarei. Formal reliability analysis of redundancy architectures. *Formal Aspects of Computing*, 31(1):59–94, February 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-0475-1.

Lin:2019:AEB

[972] Yuhui Lin, Alan Bundy, Gudmund Grov, and Ewen Maclean. Automating Event-B invariant proofs by rippling and proof patching. *Formal Aspects of Computing*, 31(1):95–129, February 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-00476-7; https://link.springer.com/content/pdf/10.1007/s00165-018-00476-7.pdf.

Gnesi:2019:E

[973] Stefania Gnesi, Ana Cavalcanti, John Fitzgerald, and Constance Heitmeyer. Editorial. *Formal Aspects of Computing*, 31(2):131–132, April 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00481-4; https://link.springer.com/content/pdf/10.1007/s00165-019-00481-4.pdf.

Hayes:2019:SPA

[974] Ian J. Hayes, Larissa A. Meinicke, Kirsten Winter, and Robert J. Colvin. A synchronous program algebra: a basis for reasoning about shared-memory and event-based concurrency. *Formal Aspects of Computing*, 31(2):133–163, April 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-0464-4.

Biondi:2019:HSE

[975] Fabrizio Biondi, Yusuke Kawamoto, Axel Legay, and Louis-Marie Traonouez. Hybrid statistical estimation of mutual information and its application to information flow. *Formal Aspects of Computing*, 31(2):165–206, April 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-0469-z.

Ta:2019:AMI

[976] Quang-Trung Ta, Ton Chanh Le, Siau-Cheng Khoo, and Wei-Ngan Chin. Automated mutual induction proof in separation logic. *Formal Aspects of Computing*, 31(2):207–230, April 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.

com/article/10.1007/s00165-018-0471-5.

Dimovski:2019:FSV

[977] Aleksandar S. Dimovski, Claus Brabrand, and Andrzej Wasowski. Finding suitable variability abstractions for lifted analysis. *Formal Aspects of Computing*, 31(2):231–259, April 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00479-y.

Bisgaard:2019:BAS

[978] Morten Bisgaard, David Gerhardt, Holger Hermanns, Jan Krčál, Gilles Nies, and Marvin Stenger. Battery-aware scheduling in low orbit: the GomX-3 case. *Formal Aspects of Computing*, 31(2):261–285, April 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-018-0458-2.

Kobayashi:2019:CPR

[979] Tsutomu Kobayashi, Fuyuki Ishikawa, and Shinichi Honiden. Consistency-preserving refactoring of refinement structures in Event-B models. *Formal Aspects of Computing*, 31(3):287–320, June 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00478-z.

Beillahi:2019:MVF

[980] Sidi Mohamed Beillahi, Mohamed Yousri Mahmoud, and Sofiène Tahar. A modeling and verification framework for optical quantum circuits. *Formal Aspects of Computing*, 31(3):321–351, June 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00480-5.

Jones:2019:ILR

[981] Cliff B. Jones and Nisansala Yatapanage. Investigating the limits of rely/guarantee relations based on a concurrent garbage collector example. *Formal Aspects of Computing*, 31(3):353–374, June 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00482-3; https://link.springer.com/content/pdf/10.1007/s00165-019-00482-3.pdf.

Antonino:2019:EVC

[982] Pedro Antonino, Thomas Gibson-Robinson, and A. W. Roscoe. Efficient verification of concurrent systems using local-analysis-based approximations and SAT solving. *Formal Aspects of Computing*, 31(3):375–409, June 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00483-2; https://link.springer.com/content/pdf/10.1007/s00165-019-00483-2.pdf.

Lowe:2019:DCD

[983] Gavin Lowe. Discovering and correcting a deadlock in a channel implementation. *Formal Aspects of Computing*, 31(4):411–419, August 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (elec-

tronic). URL http://link.springer.com/article/10.1007/s00165-019-00487-y; https://link.springer.com/content/pdf/10.1007/s00165-019-00487-y.pdf.

Brogi:2019:ECM

[984] Antonio Brogi, Andrea Corradini, and Jacopo Soldani. Estimating costs of multi-component enterprise applications. *Formal Aspects of Computing*, 31(4):421–451, August 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00491-2.

Banach:2019:BRJ

[985] Richard Banach. Book review: John Fitzgerald, Peter Gorm Larsen, Marcel Verhoef (eds): *Collaborative design for embedded systems*, Springer, Berlin Heidelberg, 2014, xxii + 385 pp, 6×2 mm, ISBN: 978-3-642-54117-9 (hardback, $119.99), ISBN: 978-3-662-52444-2 (softcover, $129.00). *Formal Aspects of Computing*, 31(4):453–454, August 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00485-0.

Konnov:2019:BRE

[986] Igor Konnov. Book review: Edmund M. Clarke, Thomas A. Henzinger, Helmut Veith, and Roderick Bloem (eds): *Handbook of model checking*. *Formal Aspects of Computing*, 31(4):455–456, August 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00486-z.

Russo:2019:E

[987] Alessandra Russo, Andy Schürr, and Heike Wehrheim. Editorial. *Formal Aspects of Computing*, 31(5):457–458, November 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00495-y; https://link.springer.com/content/pdf/10.1007/s00165-019-00495-y.pdf.

Menghi:2019:VDF

[988] Claudio Menghi, Paola Spoletini, Marsha Chechik, and Carlo Ghezzi. A verification-driven framework for iterative design of controllers. *Formal Aspects of Computing*, 31(5):459–502, November 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00484-1; https://link.springer.com/content/pdf/10.1007/s00165-019-00484-1.pdf.

Liu:2019:RAT

[989] Si Liu, Peter Csaba Ölveczky, Qi Wang, Indranil Gupta, and José Meseguer. Read atomic transactions with prevention of lost updates: ROLA and its formal analysis. *Formal Aspects of Computing*, 31(5):503–540, November 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL http://link.springer.com/article/10.1007/s00165-019-00489-w.

Marmsoler:2019:IVA

[990] Diego Marmsoler and Habtom Kashay Gidey. Interactive verification of archi-

tectural design patterns in FACTum. *Formal Aspects of Computing*, 31(5): 541–610, November 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00488-x`.

Diskin:2019:MMS

[991] Zinovy Diskin, Harald König, and Mark Lawford. Multiple model synchronization with multiary delta lenses with amendment and K-Putput. *Formal Aspects of Computing*, 31(5): 611–640, November 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00493-0`. See correction [1006].

Michaelson:2019:BRB

[992] Greg Michaelson. Book review: Bernhard Steffen, Oliver Rüthing, and Michael Huth: *Mathematical Foundations of Advanced Informatics — Volume 1: Inductive Approaches*. *Formal Aspects of Computing*, 31(5): 641–642, November 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00496-x`.

Dershowitz:2019:ZM

[993] Nachum Dershowitz and Richard Waldinger. Zohar Manna (1939–2018). *Formal Aspects of Computing*, 31(6): 643–660, December 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00500-4`.

Jones:2019:E

[994] Cliff Jones and José Oliveira. Editorial. *Formal Aspects of Computing*, 31(6):661, December 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00498-9`; `https://link.springer.com/content/pdf/10.1007/s00165-019-00498-9.pdf`.

Haigh:2019:APF

[995] Thomas Haigh. Assembling a prehistory for formal methods: a personal view. *Formal Aspects of Computing*, 31 (6):663–674, December 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00494-z`.

Paulson:2019:LIH

[996] Lawrence C. Paulson, Tobias Nipkow, and Makarius Wenzel. From LCF to Isabelle/HOL. *Formal Aspects of Computing*, 31(6):675–698, December 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00492-1`; `https://link.springer.com/content/pdf/10.1007/s00165-019-00492-1.pdf`.

Moore:2019:MPL

[997] J. Strother Moore. Milestones from the Pure Lisp theorem prover to ACL2. *Formal Aspects of Computing*, 31(6): 699–732, December 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00490-3`.

Pous:2019:BCE

[998] Damien Pous and Davide Sangiorgi. Bisimulation and coinduction enhancements: A historical perspective. *Formal Aspects of Computing*, 31(6): 733–749, December 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00497-w`.

Apt:2019:FYH

[999] Krzysztof R. Apt and Ernst-Rüdiger Olderog. Fifty years of Hoare's logic. *Formal Aspects of Computing*, 31(6): 751–807, December 2019. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00501-3`.

Smith:2020:LHW

[1000] Graeme Smith, Kirsten Winter, and Robert J. Colvin. Linearizability on hardware weak memory models. *Formal Aspects of Computing*, 32 (1):1–32, February 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00499-8`.

Baresi:2020:UFV

[1001] L. Baresi, M. M. Bersani, F. Marconi, G. Quattrocchi, and M. Rossi. Using formal verification to evaluate the execution time of Spark applications. *Formal Aspects of Computing*, 32(1):33–70, February 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-020-00505-4`.

Ahmad:2020:FRF

[1002] Waqar Ahmad, Osman Hasan, and Sofiène Tahar. Formal reliability and failure analysis of Ethernet based communication networks in a smart grid substation. *Formal Aspects of Computing*, 32(1):71–111, February 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00503-1`.

Huang:2020:MVT

[1003] Yanhong Huang, Haiping Pang, and Jianqi Shi. Modeling and verification of a timing protection mechanism in the OSEK/VDX OS using CSP. *Formal Aspects of Computing*, 32 (1):113–145, February 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-020-00511-6`.

Bowen:2020:BRG

[1004] Jonathan P. Bowen. Book review: Gerard O'Regan: *Concise Guide to Formal Methods: Theory, Fundamentals and Industry Applications*. *Formal Aspects of Computing*, 32(1):147–148, February 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-020-00506-3`.

Knapp:2020:BRA

[1005] Alexander Knapp and Markus Roggenbach. Book review: André Platzer: *Logical foundations of cyber-physical systems*. *Formal Aspects of Computing*, 32(1):149–151, February 2020.

CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-020-00510-7`; `https://link.springer.com/content/pdf/10.1007/s00165-020-00510-7.pdf`.

Diskin:2020:CMM

[1006] Zinovy Diskin, Harald König, and Mark Lawford. Correction to: Multiple model synchronization with multiary delta lenses with amendment and K-Putput. *Formal Aspects of Computing*, 32(1):153, February 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `http://link.springer.com/article/10.1007/s00165-019-00502-2`; `https://link.springer.com/content/pdf/10.1007/s00165-019-00502-2.pdf`. See [991].

Cavalcanti:2020:E

[1007] Ana Cavalcanti and Pedro Ribeiro. Editorial. *Formal Aspects of Computing*, 32(2–3):155, July 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-020-00516-1`.

Fraser:2020:CMA

[1008] Douglas Fraser, Ruben Giaquinta, and Gethin Norman. Collaborative models for autonomous systems controller synthesis. *Formal Aspects of Computing*, 32(2–3):157–186, July 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-020-00508-1`.

Bersani:2020:PSR

[1009] Marcello M. Bersani, Matteo Soldo, and Matteo Rossi. PuRSUE — from specification of robotic environments to synthesis of controllers. *Formal Aspects of Computing*, 32(2–3):187–227, July 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-020-00509-0`.

Rashid:2020:FVR

[1010] Adnan Rashid and Osman Hasan. Formal verification of robotic cell injection systems up to 4-DOF using HOL light. *Formal Aspects of Computing*, 32(2–3):229–250, July 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-020-00514-3`.

Williams:2020:LDD

[1011] David M. Williams, Salaheddin Darwish, and David R. Michael. Legislation-driven development of a Gift Aid system using Event-B. *Formal Aspects of Computing*, 32(2–3):251–273, July 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-020-00512-5`.

Sheng:2020:TPA

[1012] Feng Sheng, Huibiao Zhu, and Jonathan P. Bowen. Theoretical and practical approaches to the denotational semantics for MDESL based on UTP. *Formal Aspects of Computing*, 32(2–3):275–314, July 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00513-4.

Renard:2020:RET

[1013] Matthieu Renard, Antoine Rollet, and Yliès Falcone. Runtime enforcement of timed properties using games. *Formal Aspects of Computing*, 32(2–3):315–360, July 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00515-2.

Lahouij:2020:EBB

[1014] Aida Lahouij, Lazhar Hamel, and Béchir el Ayeb. An Event-B based approach for cloud composite services verification. *Formal Aspects of Computing*, 32(4–6):361–393, November 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00517-0.

Zhuo:2020:TEP

[1015] Xilong Zhuo and Chenyi Zhang. TFA: an efficient and precise virtual method call resolution for Java. *Formal Aspects of Computing*, 32(4–6):395–416, November 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00518-z.

Chen:2020:FCP

[1016] Shanyan Chen, Guohui Wang, and Yong Guan. Formalization of camera pose estimation algorithm based on Rodrigues formula. *Formal Aspects of Computing*, 32(4–6):417–437, November 2020. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00520-5.

deVink:2021:E

[1017] Erik de Vink and Ana Cavalcanti. Editorial. *Formal Aspects of Computing*, 33(1):1–2, January 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00522-3.

Bacci:2021:ORC

[1018] Giovanni Bacci, Patricia Bouyer, and Pierre-Alain Reynier. Optimal and robust controller synthesis using energy timed automata with uncertainty. *Formal Aspects of Computing*, 33(1):3–25, January 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00521-4.

Cavezza:2021:WMG

[1019] Davide G. Cavezza, Dalal Alrajeh, and András György. A weakness measure for GR(1) formulae. *Formal Aspects of Computing*, 33(1):27–63, January 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00519-y.

Dutle:2021:FAC

[1020] Aaron Dutle, Mariano Moscato, and François Bobot. Formal analysis of the compact position reporting algorithm. *Formal Aspects of Computing*, 33(1):65–86, January 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-019-00504-0.

Geisler:2021:SDM

[1021] S. Geisler and A. E. Haxthausen. Stepwise development and model checking of a distributed interlocking system using RAISE. *Formal Aspects of Computing*, 33(1):87–125, January 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00507-2.

Letan:2021:MVP

[1022] Thomas Letan, Yann Régis-Gianas, and Guillaume Hiet. Modular verification of programs with effects and effects handlers. *Formal Aspects of Computing*, 33(1):127–150, January 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00523-2.

Zhang:2021:IPH

[1023] Wenbo Zhang, Xian Xu, and Huan Long. On the interactive power of higher-order processes extended with parameterization. *Formal Aspects of Computing*, 33(2):151–183, March 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00524-1.

Hesselink:2021:UBA

[1024] Wim H. Hesselink. UNITY and Büchi automata. *Formal Aspects of Computing*, 33(2):185–205, March 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00528-x.

Xie:2021:PCB

[1025] Wanling Xie, Huibiao Zhu, and Qiwen Xu. A process calculus BigrTiMo of mobile systems and its formal semantics. *Formal Aspects of Computing*, 33(2):207–249, March 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00530-x.

Bozzano:2021:MBS

[1026] Marco Bozzano, Alessandro Cimatti, and Cristian Mattarei. Model-based safety assessment of a triple modular generator with xSAP. *Formal Aspects of Computing*, 33(2):251–295, March 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00532-9.

Rossi:2021:MAC

[1027] Matteo Rossi. Modeling and analysis of communicating systems. *Formal Aspects of Computing*, 33(2):297–298, March 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00533-8.

Chen:2021:E

[1028] Xiaoping Chen, Zhiming Liu, and Jim Woodcock. Editorial. *Formal Aspects of Computing*, 33(3): 299–300, June 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00552-5.

Bu:2021:MLS

[1029] Lei Bu, Yongjuan Liang, and Xuandong Li. Machine learning steered symbolic execution framework for complex software code. *Formal Aspects of Computing*, 33(3):301–323, June 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00538-3.

Wu:2021:SVS

[1030] Huihui Wu, Deyun Lv, and Weiqiang Kong. SDLV: Verification of steering angle safety for self-driving cars. *Formal Aspects of Computing*, 33(3):325–341, June 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00539-2.

Yang:2021:EAI

[1031] Zhibin Yang, Yang Bao, and Zonghua Gu. Exploiting augmented intelligence in the modeling of safety-critical autonomous systems. *Formal Aspects of Computing*, 33(3): 343–384, June 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00543-6.

Jin:2021:ISN

[1032] Xiangyu Jin, Jie An, and Miaomiao Zhang. Inferring switched nonlinear dynamical systems. *Formal Aspects of Computing*, 33(3): 385–406, June 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00542-7.

Yang:2021:ERV

[1033] Pengfei Yang, Jianlin Li, and Lijun Zhang. Enhancing robustness verification for deep neural networks via symbolic propagation. *Formal Aspects of Computing*, 33(3):407–435, June 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00548-1.

Zhao:2021:LSN

[1034] Hengjun Zhao, Xia Zeng, and Jim Woodcock. Learning safe neural network controllers with barrier certificates. *Formal Aspects of Computing*, 33(3):437–455, June 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00544-5.

Loreti:2021:SPL

[1035] Michele Loreti. Semantics of the probabilistic Lambda calculus by Dirk Draheim. *Formal Aspects of Computing*, 33(3):457–458, June 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00534-7.

McIver:2021:E

[1036] Annabelle McIver and Maurice H ter Beek. Editorial. *Formal Aspects of Computing*, 33(4-5):459–460, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00559-y.

Tan:2021:AAE

[1037] Yong Kiam Tan and André Platzer. An axiomatic approach to existence and liveness for differential equations. *Formal Aspects of Computing*, 33(4-5):461–518, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00525-0.

Tran:2021:VPD

[1038] Hoang-Dung Tran, Neelanjana Pal, and Taylor T. Johnson. Verification of piecewise deep neural networks: a star set approach with zonotope pre-filter. *Formal Aspects of Computing*, 33(4-5):519–545, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00553-4.

Derrick:2021:VCP

[1039] John Derrick, Simon Doherty, and Heike Wehrheim. Verifying correctness of persistent concurrent data structures: a sound and complete method. *Formal Aspects of Computing*, 33(4-5):547–573, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00541-8.

Tappler:2021:BLM

[1040] Martin Tappler, Bernhard K. Aichernig, and Kim G. Larsen. L^*-based learning of Markov decision processes (extended version). *Formal Aspects of Computing*, 33(4-5):575–615, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00536-5.

deBoer:2021:SEF

[1041] Frank S. de Boer and Marcello Bonsangue. Symbolic execution formally explained. *Formal Aspects of Computing*, 33(4-5):617–636, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00527-y.

Ceska:2021:CGI

[1042] Milan Ceska, Christian Hensel, and Joost-Pieter Katoen. Counterexample-guided inductive synthesis for probabilistic systems. *Formal Aspects of Computing*, 33(4-5):637–667, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00547-2.

Evangelidis:2021:QVK

[1043] Alexandros Evangelidis and David Parker. Quantitative verification of

Kalman filters. *Formal Aspects of Computing*, 33(4-5):669–693, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00529-w.

Wissmann:2021:GPR

[1044] Thorsten Wißmann, Hans-Peter Deifel, and Lutz Schröder. From generic partition refinement to weighted tree automata minimization. *Formal Aspects of Computing*, 33(4-5): 695–727, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-020-00526-z.

Amram:2021:GGS

[1045] Gal Amram, Shahar Maoz, and Or Pistiner. GR(1)*: GR(1) specifications extended with existential guarantees. *Formal Aspects of Computing*, 33 (4-5):729–761, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00535-6.

Gleirscher:2021:RDA

[1046] Mario Gleirscher, Radu Calinescu, and Jim Woodcock. RiskStructures : A design algebra for risk-aware machines. *Formal Aspects of Computing*, 33(4-5):763–802, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00545-4.

Ngondi:2021:DSC

[1047] Gerard Ekembe Ngondi. Denotational semantics of channel mobility in UTP-CSP. *Formal Aspects of Computing*, 33 (4-5):803–826, August 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00546-3.

Ahrendt:2021:E

[1048] Wolfgang Ahrendt, Silvia Lizeth Tapia Tarifa, and Heike Wehrheim. Editorial. *Formal Aspects of Computing*, 33(6):827, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00569-w.

Luteberget:2021:DSF

[1049] Bjørnar Luteberget and Christian Johansen. Drawing with SAT: four methods and a tool for producing railway infrastructure schematics. *Formal Aspects of Computing*, 33(6): 829–854, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00566-z.

Foster:2021:IFP

[1050] Simon Foster, Yakoub Nemouchi, and Tim Kelly. Integration of formal proof into unified assurance cases with Isabelle/SACM. *Formal Aspects of Computing*, 33(6): 855–884, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00537-4.

Dubslaff:2021:EPM

[1051] Clemens Dubslaff, Patrick Koopmann, and Anni-Yasmin Turhan. Enhancing probabilistic model checking with ontologies. *Formal Aspects of Computing*, 33(6):885–921, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00549-0.

Fantechi:2021:E

[1052] Alessandro Fantechi, Anne E. Haxthausen, and Jim Woodcock. Editorial. *Formal Aspects of Computing*, 33 (6):923–924, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00568-x.

Peleska:2021:EDV

[1053] Jan Peleska, Niklas Krafczyk, and Ralf Pinger. Efficient data validation for geographical interlocking systems. *Formal Aspects of Computing*, 33(6): 925–955, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00551-6.

Basile:2021:AAT

[1054] Davide Basile, Alessandro Fantechi, and Gianluca Mandò. Analysing an autonomous tramway positioning system with the Uppaal statistical model checker. *Formal Aspects of Computing*, 33(6):957–987, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00556-1.

Flammini:2021:CMR

[1055] Francesco Flammini, Stefano Marrone, and Valeria Vittorini. Compositional modeling of railway virtual coupling with stochastic activity networks. *Formal Aspects of Computing*, 33(6): 989–1007, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00560-5.

Stankaitis:2021:RBD

[1056] Paulius Stankaitis, Alexei Iliasov, and Alexander Romanovsky. A refinement-based development of a distributed signalling system. *Formal Aspects of Computing*, 33(6): 1009–1036, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00567-y.

Cabot:2021:E

[1057] Jordi Cabot, Heike Wehrheim, and Eerke Boiten. Editorial. *Formal Aspects of Computing*, 33(6): 1037, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL https://link.springer.com/article/10.1007/s00165-021-00565-0.

Menghi:2021:TWM

[1058] Claudio Menghi, Alessandro Maria Rizzi, and Paola Spoletini. TOrPEDO: witnessing model correctness with topological proofs. *Formal Aspects of Computing*, 33(6):

1039–1066, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-021-00564-1`.

Stunkel:2021:CSF

[1059] Patrick Stünkel, Harald König, and Adrian Rutle. Comprehensive systems: A formal foundation for multi-model consistency management. *Formal Aspects of Computing*, 33(6): 1067–1114, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-021-00555-2`.

Weidmann:2021:SCC

[1060] Nils Weidmann and Anthony Anjorin. Schema compliant consistency management via triple graph grammars and integer linear programming. *Formal Aspects of Computing*, 33(6): 1115–1145, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-021-00557-0`.

Cordy:2021:SMC

[1061] Maxime Cordy, Sami Lazreg, and Axel Legay. Statistical model checking for variability-intensive systems: applications to bug detection and minimization. *Formal Aspects of Computing*, 33(6):1147–1172, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-021-00563-2`.

deLara:2021:LFE

[1062] Juan de Lara and Esther Guerra. Language family engineering with product lines of multi-level models. *Formal Aspects of Computing*, 33(6): 1173–1208, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-021-00554-3`.

Hennicker:2021:HDL

[1063] Rolf Hennicker, Alexander Knapp, and Alexandre Madeira. Hybrid dynamic logic institutions for event/data-based systems. *Formal Aspects of Computing*, 33(6):1209–1248, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-021-00550-7`.

Archibald:2021:TTG

[1064] Blair Archibald, Géza Kulcsár, and Michele Sevegnani. A tale of two graph models: a case study in wireless sensor networks. *Formal Aspects of Computing*, 33(6):1249–1277, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https://link.springer.com/article/10.1007/s00165-021-00558-z`.

Wilhelm:2021:FPL

[1065] Reinhard Wilhelm. Foundations of programming languages. *Formal Aspects of Computing*, 33(6): 1279–1280, December 2021. CODEN FACME5. ISSN 0934-5043 (print), 1433-299X (electronic). URL `https:`

//link.springer.com/article/10.
1007/s00165-021-00561-4.