

Computer Science Research Reports

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CS/90/1	An ad hoc approach to the implementation of polymorphism Morrison, R., Dearle, A., Connor, R.C.H., Brown, A.L.	CS/90/16	An Adaptive Graphical Browser for Napier88 Kirby, G.N.C., Dearle, A.
CS/90/2	Addressing Mechanisms for Large Virtual Memories Rosenberg, J., Keedy, J.L., Abramson, D.	CS/90/17	WIN Programmers' Manual Cutts, Q., Dearle, A., Kirby, G.
CS/90/3	Type Systems and Database Programming Languages Albano, A., Brown, A.L., Dearle, A., Connor, R., Fegaras, L., Ghelli, G., Hull, R., Marlin, C., Matthes, F., Morrison, R., Orsini, R., Schmidt, J.W., Sheard, T., Stemple, D.	CS/90/18	A Network Model of Barrier Synchronisation Algorithms Livesey, M.J.
CS/90/4	Existentially Quantified Types as a Database Viewing Mechanism Connor, R., Dearle, A., Morrison, R., Brown, A.L.	CS/90/19	CASE - A Lazy Version of an SECD Machine with a Flat Environment (Revised Report) Davie, A.J.T., McNally, D.J.
CS/90/5	Distributed Optimistic Concurrency Control in a Persistent Object Store Livesey, M.J. (This paper is now superseded by CS/90/11)	CS/91/1	Two Models for Integrating Persistence and Lazy Functional Languages McNally, D.J., Davie, A.J.T.
CS/90/6	Stability in a Persistent Store Based on a Large Virtual Memory Rosenberg, J., Henskens, F., Brown, A.L., Morrison, R., Munro, D.	CS/91/2	A Generic Persistent Object Store Brown, A.L., Morrison, R.
CS/90/7	Protection in Persistent Object Systems Morrison, R., Brown, A.L., Connor, R.C.H., Cutts, Q.I., Dearle, A., Kirby, G., Rosenberg, J., Stemple, D.	CS/91/3 *	Types and Polymorphism in Persistent Programming Systems R.C.H. Connor
CS/90/8	A Layered Persistent Architecture for Napier88 Brown, A.L., Dearle, A., Morrison, R., Munro, D.S., Rosenberg, J.	CS/91/4	A Development Environment and Testbed for Embedded Transputer Systems Livesey, M.J., Allison, C., Burgess, P.
CS/90/9	Stability in a Network on MONADS-PC Computers Henskens, F.A., Rosenberg, J., Hannaford, M.R.	CS/91/5	Contraction-Free Sequent Calculi for Intuitionistic Logic R.Dyckhoff
CS/90/10	A Method for Self-Determination of Adaptive Learning Rates in Back-Propagation Weir, M.K.	CS/91/6	Type Equivalence Checking in Persistent Object Systems Connor, R.C.H., Brown, A.L., Cutts, Q.I., Dearle, A., Morrison, R., Rosenberg, J.
CS/90/11	Distributed Varimistic Concurrency Control in a Persistent Object Store Livesey, M.J. (This paper supersedes CS/90/5)	CS/91/7	Subtyping and Assignment in Database Programming Languages Connor, R., McNally, D., Morrison, R.
CS/90/12	Training and Generalisation Using Continuous Back-Propagation Weir, M.K., Chen, Li H.	CS/91/8	Persistent Programming with Strongly Typed Linguistic Reflection Kirby, G.N.C.
CS/90/13	Clamping in Boltzmann Machines Livesey, M.J.	CS/91/9	An Open System Architecture for a Persistent Object Store Brown, A.L., Mainetto, G., Matthes, F., Mueller, R., McNally, D.J.
CS/90/14	Statically Typed Applicative Persistent Language Environment (STAPLE) Users' Manual Davie, A.J.T., McNally, D.J.	CS/91/10	Subtyping Without Tears Connor, R., Morrison, R.
CS/90/15	Persistent Object Stores: An Implementation Technique Brown, A.L., Rosenberg, J.	CS/91/11	Specifying Flexible Concurrency Control Schemes: an Abstract Operational Approach Stemple, D., Morrison, R.
		CS/92/1	A General Purpose Time Warp Toolkit Livesey, M.J., Allison, C.
		CS/92/2	Parallel Functional Computation on STAR:DUST Ostheimer, G.
		CS/92/3	An Event Based Programming Model and Harness for Embedded Transputer Systems Development Burgess, P., Livesey, M.J., Allison, C.
		CS/92/4	Operating System Support for Coherence in Distributed Systems Livesey, M.J., Allison, C.

CS/92/5	An Integrated Model for Persistent Lazy Functional Programming Brown, A.L., Davie, A.J.T., McNally, D.J.	CS/93/7	Linear interpretations by counting patterns Martin, U.
CS/92/6	Type-Safe Linguistic Reflection: A Generator Technology Stemple, D., Stanton, R.B., Sheard, T., Philbrow, P., Morrison, R., Kirby, G.N.C., Fegaras, L., Cooper, R.L., Connor, R.C.H., Atkinson, M.P., Alagic, S.	CS/93/8*	Parallel Functional Programming for Message-Passing Multiprocessors Ostheimer, G.
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CS/92/9	Persistent Hyper-Programs Kirby, G.N.C., Connor, R.C.H., Cutts, Q.I., Morrison, R., Dearle, A., Farkas, A.M.	CS/93/11	A Note on Consistency in Asynchronous Multicaches Livesey, M.J.
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CS/92/12	Mechanisms for Controlling Evolution in Persistent Object Systems Morrison, R., Connor, R.C.H., Cutts, Q.I., Kirby, G., Stemple, D.	CS/93/14	π -Calculus Characterizations of Some Practical λ -Calculus Reduction Strategies Ostheimer, G.K., Davie, A.J.T.
CS/92/13	An Application Architecture Using Type-Safe Incremental Linking Dearle, A., Cutts, Q., Connor, R.	CS/93/15	The Napier88 Reference Manual (Release 2.0) Morrison, R., Brown, A.L., Connor, R.C.H., Cutts, Q.I., Dearle, A., Kirby, G.N.C., Munro, D.S.
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CS/93/1	Automated Conversion of Structure Types in a Heap Burgess, P., Livesey, M.J.	CS/94/4	Verification Techniques for LOTOS [ISO:8807] specifications (Final report) Martin, U.
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CS/93/4*	Delivering the Benefits of Persistence to System Construction and Execution Cutts, Q.I.	CS/94/7	The Napier88 Standard Library Reference Manual (Version 2.2) Kirby, G.N.C., Brown, A.L., Connor, R.C.H., Cutts, Q.I., Dearle, A., Moore, V., Morrison, R., Munro, D.S.
CS/93/5	The Implementation of a Hyper-Programming System Kirby, G.N.C., Cutts, Q.I., Connor, R.C.H., Morrison, R.	CS/94/8	The Napier88 Reference Manual (Release 2.0) Morrison, R., Brown, A.L., Connor, R.C.H., Cutts, Q.I., Dearle, A., Kirby, G.N.C., Munro, D.S.
CS/93/6	Integrating Reflection, Strong Typing and Static Checking Stemple, D., Morrison, R., Kirby, G.N.C., Connor, R.C.H.	CS/94/9 *	A Testbed for Embedded Systems Burgess, P.
		CS/94/10	Implementing Mitchell's Concept and Version Spaces Technique in Neural Networks using Weight Space Angle as the Partial Order Analogue Weir, M.K., Polhill, J.G.

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Propositional Logic Using a Permutation-free Calculus with Loop
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Kirby, G.N.C., Morrison, R.