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Abstract introduction keywords

Research Papers in Computer Science Egon Borger ¨ 1 Research Papers in Computer Science 1. B¨orger E., A logical operational semantics for full Prolog. Part I: Selection core and control. in: CSL'89. 3rd Workshop on Computer Science Logic (E.B¨orger, H.Kleine B¨uning, M.M. Richter, Eds). Springer LNCS, vol. 440, 1990, pp. 36-64. = IBM Germany IWBS Report 111, March 1990. Reprinted in: Proceedings of The 3rd Logic Programming Winter School and Seminar. LOP'91, Ruprechtov, Czechoslovakia, pp.65-94. 2. B¨orger E., A logical operational semantics for full Prolog. Part II: Built-in predicates for database manipulations. in: MFCS'90. Mathematical Foundations of Computer Science (B.Rovan, Ed.). Springer LNCS, vol. 452, 1990, pp 1-14. = IBM Germany IWBS Report 115, April 1990. Reprinted in: E.B¨orger, K.D¨assler (eds.): PROLOG. DIN papers for discussion. ISO/IEC JTC1 SC22 WG17 report no.58, National Physical Laboratory, Middlesex, April 1990, pp.92-114. 3. B¨orger E., A logical operational semantics for full Prolog. Part III: Built-in predicates for files, terms, arithmetic and input-output. in: Logic from Computer Science (Y.Moschovakis, Ed.). Berkeley Mathematical Sciences Research Institute Publications, vol.21, Springer 1992, pp. 17-50. Preliminary version: IBM Germany IWBS Report 115, April 1990. 4. B¨orger E., Rosenzweig D., From Prolog Algebras towards WAM—A Mathematical Study of Implementation. in: Computer Science Logic (E.B¨orger, H.Kleine B¨uning, M.M. Richter, W.Sch¨onfeld, Eds). Springer LNCS vol. 533, 1991, pp. 31-66. 5. B¨orger E., Schmitt P., A formal operational semantics for languages of type Prolog III. in: Computer Science Logic (E.B¨orger, H.Kleine B¨uning, M.M. Richter, W.Sch¨onfeld, Eds). Springer LNCS 533, 1991, pp. 67-79. Preliminary version: IBM Germany, IWBS Report 144, November 1990, pp.1-