References

[1] Siami Baker and Alan Smaill. A proof environment for arithmetic with the omega rule. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 115–130. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[2] Reinhard Bündgen. Combining computer algebra and rule based reasoning. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 209–223. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[3] Greg Butler. Datalog and twogroups and c++. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 80–92. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[4] Myles Chippendale. Planning a proof of the intermediate value theorem. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 48–63. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[5] Stéphane Collart and Daniel Mall. The ideal structure of gröbner base computations. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the Second International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*,

pages 156–166. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[6] Karsten Homann and Jacques Calmet. Combining theorem proving and symbolic mathematical computing. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 18–29. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[7] Pierre Jumpertz. Linear logic and real closed fields: A way to handle situations dynamically. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 93–114. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[8] Y.V. Kapitonova, A.A. Letichevsky, M.S. L'vov, and V.A. Volkov. Tools for solving problems in the scope of algebraic programming. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 30–47. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[9] Luis M. Laita, Luis de Ledesma, Eugenio Roanes-Lozano, and Eugenio Roanes-Macías. An interpretation of the propositional boolean algebra as a k-algebra. effective calculus. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 255–263. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[10] Peter Madden and Ian Green. A general technique for automatically optimizing programs through the use of proof plans. In Jacques Cal-

met and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 64–79. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[11] Stephan A. Missura. Theories = signatures + propositions used as types. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 144–155. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[12] Stephan A. Missura and Andreas Weber. Using commutativity properties for controlling coercions. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 131–143. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[13] David J. Nettleton and Roberto Garigliano. Subsymbolic processing using adaptive algorithms. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 244–254. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[14] Jochen Pfalzgraf, Ute Cornelia Sigmund, and Karel Stokkermans. Modeling cooperating agents scenarios by deductive planning methods and logical fiberings. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 167–190. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[15] Ashutosh Rege and John Canny. A practical algorithm for geometric theorem proving. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 10–17. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[16] Alexander Semenov, Alexander Babichev, and Alexander Leshchenko. Subdefinite computations and symbolic transformations in the unicalc solver. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 264–275. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[17] Vitaly Telerman. Propagation of mathematical constraints in subdefinite models. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 191–208. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[18] Shusako Tsumoto and Hiroshi Tanaka. Algebraic specification of empirical inductive learning methods based on rough sets and matroid theory. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United Kingdom, August 3-5, 1994)*, volume 958 of *LNCS*, pages 224–243. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

[19] Johannes Ueberberg. Interactive theorem proving and computer algebra. In Jacques Calmet and John A. Campbell, editors, *Proceedings of the 2nd International Conference on Integrating Symbolic Mathematical Computation and Artificial Intelligence, AISMC-2 (Cambridge, United*

Kingdom, August 3-5, 1994), volume 958 of *LNCS*, pages 1–9. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.