■ Appendix 2: References

[Bertot *et al.*, 1996]
J. Bertot, Y. Bertot, Y. Coscoy, H. Goguen, F. Montagnac, *User Guide to the CtCoq Proof Environment.*
INRIA Sophia–Antipolis.

[Bôcher, 1907]
M. Bôcher, *Introduction to Higher Algebra.*
p. 1, First Edition, MacMillan Co., New York.

[Buchberger, 1985]
B. Buchberger, *Symbolic Computation. An Editorial.*
Journal of Symbolic Computation, Vol. 1/1, pp. 1–6, 1985.

[Buchberger, 1993]
B. Buchberger, *Mathematica: A System for Doing Mathematics by Computer?*
Invited talk at DISCO 93, Gmunden, Austria.
Printed version in: Advances in the Design of Symbolic Computation Systems (A. Miola, M. Temperini eds.), pp. 1–29, Springer Vienna – New York.

[Buchberger, 1996a]
B. Buchberger, *Symbolic Computation: Computer Algebra and Logic.*
*i*n: Frontiers of Combining Systems (F. Baader, K. U. Schulz eds.), pp. 193–220, Applied Logic Series, Kluwer Academic Publishers, 1996.

[Buchberger, 1996b]
B. Buchberger, *Mathematica as a Rewrite Language*.
invited paper in: Proceedings of the Fuji Conference on Functional Logic Programming, Shonan Village, Nov 1–4, 1996, (T. Ida ed.), Telos publishing conference, to appear.

[Buchberger, 1997]
B. Buchberger, *The Theorema Prover for Equalities over the Natural Numbers.*
in: Proceedings of the First International Theorema Workshop, Hagenberg, June 9–10, 1997, (B. Buchberger, T. Ida, D. Vasaru eds.), RISC–Linz Report Series No. 97–20.

[Buchberger *et al.*, 1997]
B. Buchberger, T. Jebelean, F. Kriftner, M. Marin, E. Tomuta, D. Vasaru: *A Survey of the Theorema Project.*
In: Proceedings of ISSAC 97, July 23–26, 1997, Maui, Hawaii, to appear.

[Buchberger, Jebelean, 1997]
B. Buchberger, T. Jebelean, *Theorema: The Predicate Logic Prover*.
in: Proceedings of the First International Theorema Workshop, (see [Buchberger, 1997]*)* .

[Buchberger, Kriftner, 1997]
B. Buchberger, F. Kriftner, *Theorema: The Language.*
in: Proceedings of the First International Theorema Workshop, (see [Buchberger, 1997]*)* .

[Buchberger, Lichtenberger, 1981]
B. Buchberger, F. Lichtenberger, *Mathematik für Informatiker I. Die Methode der Mathematik.*
(Mathematics for Computer Science I. The Method of Mathematics (German).)
pp. 253–293, Second Edition, Springer, Berlin – Heidelberg – New York.

[Buchberger, Marin, 1997]
B. Buchberger, M. Marin, *Proving by Simplification in Theorema*.
in: Proceedings of the First International Theorema Workshop, (see [Buchberger, 1997]) .

[Buchberger, Vasaru, 1997]
B. Buchberger, D. Vasaru, *Theorema: The Induction Prover for Lists*.
in: Proceedings of the First International Theorema Workshop, (see [Buchberger, 1997]) .

[Clarke, Zhao, 1993]
E. M. Clarke, X. Zhao, *Analytica − A theorem prover for Mathematica*.
The Mathematica Journal 3, 1 (1993), pp. 56−71.

[Constable *et al.*, 1986]
R. L. Constable, *Implementing Mathematics with the Nuprl Proof Development System*.
Prentice−Hall.

[Huet *et al.*, 1994]
G. Huet, G. Kahn, C. Paulin−Mohring, *The Coq Proof Assistant. A Tutorial. Version 5.10*.
INRIA−Roquencourt, CNRS−ENS Lyon.

[Kostrikin, 1982]
A. I. Kostrikin, *Introduction to Algebra*.
p. 223, First Edition, Springer Verlag, New York – Heidelberg – Berlin.

[Lüneburg, 1993]
H. Lüneburg, *Vorlesungen über lineare Algebra*.
p. 85, First Edition, BI−Wissenschaftsverlag, Mannheim – Leipzig – Wien – Zürich.

[Paulson, 1996]
L. C. Paulson, *Introduction to Isabelle*.
Computer Laboratory, University of Cambridge.

[Tomuta, 1997]
E. Tomuta, *Using Functors in Organizing Proofs*.
in: Proceedings of the First International Theorema Workshop, (see [Buchberger, 1997]) .

[Wolfram, 1996]
S. Wolfram, *The Mathematica Book*.
Wolfram Media Inc. and Cambridge University Press.