Inter-University Student Workshop
Topics in Computational Algebra:
Gröbner Bases and Integer Programming

Department of Mathematics, University of Stellenbosch

5 − 7 September 2000

Venue: *Van der Sterr Building, 3021*

Tuesday 5 September:

9.00 - 9.50:   *Basic Theory of Gröbner Bases I - Term Orders and Division*, B. Green (US).

10.00 - 10.50:   *Basic Theory of Gröbner Bases II - S-polynomials and Buchberger's Algorithm*, F. Breuer (Paris).

11.00 - 11.30:   *Tea/Discussion.*

13.00 - 14.00:   *Lunch.*

14.00 - 15.30:   *Gröbner Bases III - Exercises.*

15.30 - 16.00:   *Tea/Discussion.*

16.00 - 16.50:   *Polynomial Maps*, A. Keet (UNISA).

Thursday 7 September:

11.00 - 11.50:   *Application to Integer Programming I*, J. Vermeulen (UCT).

12.00 - 12.50:   *Application to Integer Programming II*, B. Green (US).

13.00 - 14.00:   *Lunch.*

Enquiries: *Barry Green. Tel (021) 808 3284.*
e-mail address: bwg@land.sun.ac.za

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