

The Collection V

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Faculty of Science

University of Malta

Proceedings of Workshop held on the 21st February 2002

Foreword

Discovery and **Proof** are two different activities. They require different resources and techniques. *Archimedes*

Collection V brings together a wide scope of students' mathematical musings. Number theory is always very popular. A great deal of interest is being generated on matrices and their relation to graphs. The current research within the department on crossing lines is featured in this issue. We also survey the software used during mathematics classes in the senior schools.

Dr. Irene Sciriha.

Organizer.

The Collection V

Date: 21st February 2002
Time: 15.00 - 16.15
Venue: Faculty of Science
Department of Mathematics
Room 316

A seminar/workshop is being held on Thursday 21st February 2002 at 3.00 p.m. Students and staff from the Department of Mathematics, Faculty of Science will present ideas from various fields of mathematics.

During the meeting, the software introduced in the curriculum for the MATSEC (Ordinary Level Exam) will be reviewed.

Keynote speakers:

John Baptist Gauci	On Crossing numbers
Alexander Farrugia	Boolean Matrices
Daniel Buhagiar	Introducing Software
Vincent Mercieca	A new form of primes

We shall end with a brief session for spontaneous problem posing. You are cordially invited to attend.

Abstracts of possible proofs or conjectures which you wish to share with us in this meeting, or in a future one, may be sent to Dr. I. Sciriha or Ms. A. Attard, Department of Mathematics, (marked The Collection), at any time of the year.

Dr. I. Sciriha
Organiser

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