MAGMA
WORKSHOP
FOR CODING THEORY & CRYPTOGRAPHY

2 DAYS
hands-on training

3 HOURS
per day

OPTION 1

WHEN: March 16 and March 23, 5pm - 8pm

WHERE: McBryde 223

OPTION 2

WHEN: March 21 and March 28, 9am - 12pm

WHERE: Steger Hall 118

The computational algebra system MAGMA is a high-level programming language designed for computations in algebra, number theory, algebraic geometry, and algebraic combinatorics.

This workshop introduces basic programming concepts and the libraries of MAGMA relevant to linear algebra, combinatorics, and coding theory. It should be especially useful to those interested in codes for error correction or erasure recovery and selected topics in cryptography.

Refreshments provided.

Registration:

Contacts:

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Useful Links:

cyberinitiative-swva.org

magma.maths.usyd.edu.au/magma/