

CMMSC TP1 seminar on Combinatorics

Speaker: 張耀祖教授 (義守大學)

Title: Lagrange interpolation formula for finite fields and its
application in coding theory

Time: 2010 年 3 月 15 日 (Monday) 1:30-2:30 pm

Venue: NCTU SA213 (交通大學 科學一館 213 室)

摘要 : In this talk, we investigate the Lagrange interpolation formula for finite fields and use it to determine the unknown syndrome representation as well as the coefficients of the general error locator polynomials of cyclic codes. Based on these terms, we also develop algebraic decoders for arbitrary cyclic codes.

敬請公告 歡迎參加

Center of Mathematical Modeling and Scientific Computing, NCTU

Ps: More events, please see <http://www.cmmsc.nctu.edu.tw>