

UNIVERSITY



OF HONG KONG

DEPARTMENT OF MATHEMATICS

Telephone: 8592250, 8592255
Fax : (Dept) (852) 5592225
(Univ) (852) 8582549
E-mail : math@hkucc.BITNET

Postal Address: Pokfulam Rd., Hong Kong
Cable : University, Hong Kong
Telex : 71919 CEREB HX

SEMINAR ANNOUNCEMENT

Speaker: **Dr. D.R. Heath-Brown**
Magdalen College
Oxford University

Title: Primes in Arithmetic Progression

Date: Tuesday, September 17, 1991

Time: 15:00 hour

Venue: Rm. 142, Main Building, University of Hong Kong

Abstract

The theorem of Dirichlet, that if a and q are coprime then the arithmetic progression $p \equiv a \pmod{q}$ contains infinitely many prime numbers, is one of the oldest in "analytic" number theory. Recent research is concerned with such questions as, how many primes are there in the progression, up to some limit x ? and how far must one go before reaching the first one?

*** All interested are welcome ***