СЕМИНАР
„АЛГЕБРА И ЛОГИКА"

Драги колеги,

На 18 юли 2012 г. (сряда) от 11:00 часа
в зала 578 на ИМИ – БАН
ще се проведе заседание на семинара.
Доклад на тема

Projective normality of projective curves

ще изнесе професор Youngook Choi
от Yeungnam University, Корея.

Поканват се всички желаещи.

От секция „Алгебра и логика" на ИМИ – БАН

http://www.math.bas.bg/algebra/seminarAiL/

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Abstract

Green and Lazarsfeld have proven that a very ample line bundle L on a smooth curve X is normally generated if

$$\deg L > 2g - 2\, h^1(X, L) - \operatorname{Cliff}(X).$$

They also have given the conditions when a very ample line is *extremal*, i.e., that it is not normally generated and

$$\deg L = 2g - 2\, h^1(X, L) - \operatorname{Cliff}(X),$$

in the case when the genus of X is large in comparison to the Clifford index $\operatorname{Cliff}(X)$ of X. In this talk, we consider the case of small genus of X under the additional assumption that it is a multiple cover of smooth plane curve.