

COE統合数理科学特別セミナー

Speaker : Prof. Jun-Muk Hwang
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Date : November 12, 2007 (Monday)

Time : 16:30 - 18:00

**Place : 14-219 (Discussion Room9), 2nd Floor, Bldg. 14
Faculty of Science and Technology
Yagami Campus, KEIO University**

Characterizing Fano manifolds by minimal rational curves

In the last few years, mostly in collaboration of Ngaiming Mok, we have answered a number of questions regarding the geometry of Fano manifolds of Picard number 1, by examining the properties of minimal rational curves. The basic philosophy underlying these works has been that minimal rational curves determine the geometry of Fano manifolds of Picard number 1. We will explain this philosophy in four different settings, from the view-point of extension of holomorphic maps.