MATH COLLOQUIUM

Transcendence

Piotr Kowalski
University of Wroclaw, Poland

Date : Wednesday, September 23, 2009
Time : 14:00
Place : TB 250, Boğaziçi Üniversitesi

Abstract: I will start with Schanuel's Conjecture. It basically says that the complex exponentiation should transform the linear independence into the algebraic one. Then I will state different versions of Ax's Theorem. It is a statement similar to Schanuel's Conjecture but the role of the field of complex numbers is played by a function field. Time permitting, I will discuss the situation in the positive characteristic case.

Tea and coffee will be served at 15:00