Colloquio De Giorgi

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6 MAGGIO 2014

ore 17:00

Paris VI Université Pierre et Marie Curie

*Schanuel's Conjecture: algebraic independence
of transcendental numbers*

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Abstract
Schanuel's conjecture asserts that for linearly independent complex numbers x1, ..., xn, there are at least n algebraically independent numbers among the 2n numbers

$$x1, \ldots, x_n, e^{x1}, \ldots, e^{xn}.$$

This simple statement has many remarkable consequences; we will explain some of them. We will also present the state of the art on this topic.

Elaborazione a cura del Servizio Comunicazione e Relazioni Esterne/ SNS

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