

The Trivial Notions Seminar
Proudly Announces

Unifying Themes Suggested By Belyi's Theorem

A talk by
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Abstract

Belyi's Theorem states that a curve that is defined over the algebraic numbers admits a map to the projective line with at most three branch points. The first part of the talk will give an exposition of Belyi's two proofs of his theorem. The second part will attempt to illustrate connections, some proven, some conjectural, between Belyi's Theorem and (1) abc type problems, (2) Moduli spaces of pointed curves and (3) The arithmetic and modularity of elliptic curves.

Thursday, November 5th at 2:07 pm
Science Center 507