On the Coolidge-Nagata conjecture

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The Coolidge-Nagata conjecture asserts that every rational curve in the complex projective plane that has only cusps (i.e., for which the normalization map is bijective) can be transformed into a line via a birational automorphism of the plane. We will discuss some progress towards this conjecture, and various techniques for studying cuspidal rational curves.

Tuesday, February 4
3:00 – 4:00 p.m.
Harvard (SC 507)