

NONSTANDARD ANALYSIS AND ALGEBRAIC GEOMETRY

ANGUS MACINTYRE

[Topic #2: *Nonstandard Methods in Algebra, Algebraic Geometry and Topology.*]

I will present various results (due to me, Brunjes and Serpé, Schoutens and Tomasic) which use non-standard analysis to give extra information about intersection theory, étale cohomology, and complete local rings.

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