

This week in the mathematics arXiv (22 May – 26 May)

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Titles in the mathematics arXiv (22 May – 26 May)

AC: Commutative Algebra

math.AC/0605602 <<http://front.math.ucdavis.edu/math.AC/0605602>>

Marco D'Anna, Marco Fontana: An amalgamated duplication of a ring along an ideal: the basic properties

q-bio.QM/0605032 <<http://front.math.ucdavis.edu/q-bio.QM/0605032>>

Abdul Salam Jarrah, Reinhard Laubenbacher, Brandilyn Stigler, Michael Stillman: Reverse-engineering of polynomial dynamical systems

math.AC/0605588 <<http://front.math.ucdavis.edu/math.AC/0605588>>

Christopher A. Francisco: Tetrahedral curves via graphs and Alexander duality

math.AC/0605580 <<http://front.math.ucdavis.edu/math.AC/0605580>>

Leila Khatami, Massoud Tousi, Siamak Yassemi: Local cohomology and Gorenstein injective dimension over local homomorphisms

math.AC/0605578 <<http://front.math.ucdavis.edu/math.AC/0605578>>

Leila Khatami: A Note On Gorenstein Injective Dimension

math.AC/0605574 <<http://front.math.ucdavis.edu/math.AC/0605574>>

Lars Winther Christensen, Oana Veliche: Acyclicity over local rings with

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radical cube zero

math.AC/0605567 <<http://front.math.ucdavis.edu/math.AC/0605567>>

Sonia L. Rueda: On the computation of graded components of Laurent polynomial rings

AG: Algebraic Geometry

math.AG/0605666 <<http://front.math.ucdavis.edu/math.AG/0605666>>

Sebastian Casalai