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Dennis S. Keeler* (keelerds@muohio.edu), Dept of Math and Stats, Miami University, Oxford, OH 45056. *Computation in noncommutative algebraic geometry*. Preliminary report.

Twisted homogeneous coordinate rings and naive noncommutative blowups are defined by strictly commutative algebraic geometry data. We explore the modeling of such data with the computer algebra package *Macaulay 2*. (Received February 22, 2005)