

1011-14-286 **Donu Arapura** and **Chris Peterson*** (peterston@math.colostate.edu), 1731 Norwood Lane,
Fort Collins, CO 80525. *Eigenschemes*.

The goal of this talk is to describe the geometry of some simple schemes associated to a matrix and to describe some consequences of the geometry of these schemes. (Received August 29, 2005)