

1012-16-203

Daniel S Rogalski* (drogalsk@math.ucsd.edu), UCSD Department of Math, 9500 Gilman Dr, Dept 0112, La Jolla, CA 92093. *Subalgebras of dimension 3 elliptic regular algebras*. Preliminary report.

We will describe work in progress to determine the properties of subalgebras generated by 2 degree 1 elements inside an elliptic regular algebra of dimension 3. Preliminary results indicate that such algebras behave very differently from similarly constructed subalgebras of linear regular algebras. (Received September 20, 2005)