

1145-13-262

**Daniel Erman\***, Department of Mathematics, 480 Lincoln Dr, Madison, WI 53706, and **Steven V Sam** and **Andrew Snowden**. *Big polynomial rings and Stillman's Conjecture*.

I'll discuss how certain limits of polynomial rings are themselves polynomial rings (in an uncountable number of variables) and how this leads to two new proofs of Stillman's conjecture. This is joint work with Steven Sam and Andrew Snowden. (Received August 26, 2018)