

1105-51-154

Ailsa M Keating* (keating@math.columbia.edu). *Mirror symmetry for singularities of type $T_{p,q,r}$* . Preliminary report.

We present some versions of mirror symmetry for the unimodal singularities of type $T_{p,q,r}$. We will consider some symplectic invariants of the real four-dimensional Milnor fibres of these singularities, and explain how they correspond to coherent sheaves on certain blow-ups of the projective space \mathbb{P}^2 . Time allowing, we hope to emphasize how the relations between different “flavours” of invariants (e.g., versions of the Fukaya category) match up on both sides. (Received September 16, 2014)