

On derived McKay correspondence between non-commutative deformations

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We consider an example of derived McKay correspondence between non-commutative deformations in the case of surface singularities of type A_n .

We construct a versal NC deformation of the commutative crepant resolution and compare it with the versal NC deformation of the non-commutative crepant resolution. We show the derived McKay correspondence in the case $n=1$.

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