Contribution ID: 4   Type: **not specified**

7/17 [Ayako Kubota] On the G-Hilbert scheme of the closure of the regular nilpotent orbit of type A

Adjoint orbits of nilpotent elements in a semisimple Lie algebra are called nilpotent orbits, and their closures are known to have symplectic singularities. In this talk, we consider nilpotent orbits of type A, and we discuss resolutions of singularities of the closure of the regular nilpotent orbit by means of the G-Hilbert scheme associated with the Cox realization of the singularity.