

Irreducible components of Hilbert schemes of points

KLEMEN ŠIVIC, Univerzi v Ljubljani

In the talk we classify irreducible components of Hilbert schemes of 9 and 10 points in affine spaces of any dimension. The main tool is the connection between Hilbert schemes of points and varieties of commuting matrices. This is joint work with Maciej Gałazka and Hanieh Keneshlou.