ON BLOCH'S SEMI-REGULARITY MAP AND DE-RHAM COHOMOLOGY

In the talk we discuss the article of S. Bloch "Semi-regularity map and de-Rham cohomology" in which he generalizes a classical semi-regularity map due to Kodaira-Spencer defined in the case of divisors to the scenario of local complete intersection varieties. This map plays an important role in comparing deformation of algebraic subvarieties and their corresponding cohomology classes.