胡 迅 韬

玉泉数学中心 203

April 7, 2012, Saturday, 13:30-16:30

Title Examples of complex manifolds and holomorphic line bundles

Abstract In the first part, we will discuss some interesting examples of importance in complex geometry, such as complex Grassmann manifolds, Hopf manifolds and blow-ups. In the second part I will introduce divisors on a complex manifold and its holomorphic line bundles. We will see that they are actually equivalent objects. This is an introductory talk to enhance everyone's understanding on this topic.