

A criterion of Nakano positivity

Xiangyu Zhou

Inst. of Mathematics, Chinese Academy of Sciences

xyzhou@math.ac.cn

How to characterize Nakano positivity of holomorphic vector bundles is a difficult problem in complex geometry. In this talk, we'll give a criterion of Nakano positivity in terms of L^2 extensions. This is joint work with Fusheng Deng, Jiafu Ning, Zhiwei Wang.