
SHENGDA HU, Wilfrid Laurier University
Generalized holomorphic bundles, Part II

This is the second part of a joint talk with Ruxandra Moraru.

We discuss an analogue of the Hermitian-Einstein equations for generalized Kähler manifolds. We also introduce a notion of stability for generalized holomorphic bundles on generalized Kähler manifolds, and establish a Kobayashi-Hitchin-type correspondence between stable bundles and solutions of the generalized Hermitian-Einstein equations.