

國立中央大學數學系

Postdoc and Student Seminar

主講人：黃彥彰博士（國立中央大學數學系）

題目：The Classification of Curves in the Heisenberg Groups

演講時間：2015年9月30日(星期三) 10:30 A.m. ~ 12:00 A.m.

地點：中央大學健雄館 208室

Abstract:

In Euclidean space, the fundamental theorem of curves states that any curve is characterized by its curvature and torsion up to a rigid motion. This result has been widely developed to many fields of geometry. However, in Heisenberg group, as a model case of CR geometry, there are few such results presented. By defining the appropriate invariants, we show the analogous result in the Heisenberg groups; moreover, we also classify horizontally regular curves by the order of curves.

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