

第03回

- 講演者 : 古谷 賢朗 氏 (東京理科大学)
 - 題目 : Complete classification of pseudo H -type algebras and an application revisited
 - 日時 : 平成29年5月9日 (火) 16:30 – 17:30

We consider a family of nilpotent Lie algebras attached to Clifford algebras and their "admissible" modules. These are called pseudo H -type algebras. Our purpose is to explain how to classify them and give a complete classification table (mod Bott periodicity). Then we mention an application to the construction of isospectral non-diffeomorphic family of nilmanifolds of arbitrary given number with respect to the both sense of the Laplacian and sub-Laplacian.

This is a joint work with prof. Irina Markina at University of Bergen, Norway.]



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5 images

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