Imed KEDIM

On discontinuous subgroups acting on homogeneous spaces

Abstract. In this lecture, we give a short and basic historical introduction to the theory of deformations associated to Clifford-Klein forms. We present an algebraic formula of this spaces in the setting of completely solvable Lie groups. As an application, we describe this space in the case of the Heisenberg group. (Based on joint works with Ali Baklouti).