Name : Nour Ben Salah.

Title : Quelques principes sur les groupes de Lie nilpotents.

Position : "Assistant Professor" at IPEIS "Institut prépératoire aux études d'ingénieurs de Sfax".

Date of defense : February 16, 2008.

Referees : E. Kaniuth (Paderborn, Allemagne) and M. Sifi (Tunis).

Abstract : The aim of this thesis is the study of certain uncertainty principles, proved in the case of the real line, such as Cowling-Price, Morgan and Beurling's principles. We study in fact these principles in the context of connected and simply connected nilpotent Lie groups where the orbit method and the Plancherel theory appear to be fundamental tools for our study.