

**SINGULAR INTEGRALS AND REMOVABLE SETS OF  
LIPSCHITZ HARMONIC FUNCTIONS IN HEISENBERG  
GROUPS**

Based on a joint work with Vasilis Chousionis I shall discuss results saying that several singular integral operators are unbounded on many fractal type subsets of Heisenberg groups. I shall also discuss some applications to removable singularities of the Lipschitz solutions of the sub-Laplacian equation. Similar results in Euclidean spaces have been known before and will be reviewed in the talk.