

1103-35-61

Alessia E. Kogoj* (alessia.kogoj@unibo.it), Mathematics Department, University of Bologna, IT-40126 Bologna - Italy, BO, Italy, and **Ermanno Lanconelli** (ermanno.lanconelli@unibo.it), Mathematics Department, University of Bologna, IT-40126 Bologna, BO, Italy. *L^p -Liouville Theorems for Invariant Partial Differential Equations.*

Some L^p -Liouville theorems for several classes of Partial Differential Equations will be presented. The involved operators are left invariant with respect to Lie group composition laws in \mathbb{R}^{n+1} . Results for both solutions and sub-solutions will be given. (Received August 11, 2014)