998-53-263   **Renato Feres*** (`feres@wustl.edu`), St. Louis, MO 63130, and **A Zeghib**. *Dynamics on the space of harmonic functions and the foliated Liouville problem.*

Given a foliation of a compact manifold by Riemannian leaves, we say that it has the Liouville property if a continuous, leafwise harmonic function is leafwise constant. We describe a variety of situations where the property holds and give a general class of examples where it fails. We also explore the connection this problem has with the dynamics of actions of groups of isometries of the Poincare disc, D, on the unit ball of the space of bounded harmonic functions on D. (Received March 01, 2004)