

1116-47-1362 **Rene Ardila*** (rene-ardila@uiowa.edu), 14 MacLean Hall, University of Iowa, Iowa City, IA 52240. *Morita Equivalence and Hardy Algebras.*

We extend the notion of Morita equivalence of C^* -correspondences, developed by Muhly and Solel, to the setting of W^* -correspondences and show that if two W^* -graph correspondences, E and F , are (weakly) Morita equivalent, then their Hardy algebras, $H^\infty(E)$ and $H^\infty(F)$, are weakly Morita equivalent as dual operator algebras in the sense of Blecher and Kashyup. We use this result to study the induced representations of Hardy algebras of W^* -correspondences. Special attention is given to graph correspondences. (Received September 18, 2015)