

Meeting: 998, Houston, Texas, SS 3A, Special Session on Harmonic and Functional Analysis

998-46-238

Emilio Marmolejo-Olea* (emilio@matcuer.unam.mx), Instituto de Matematicas, Unidad Cuernavaca, Universidad Nacional Autonoma de Mexico, A.P. 273-3 AD 3, Cuernavaca Mor.62251 MEXICO Cuernavaca, Mexico, and **Salvador Perez-Esteva** (salvador@matcuer.unam.mx), Instituto de Matematicas Unidad Cuernavaca, Universidad Nacional Autonoma de Mexico, Ap. 273-3 AD. 3 Cuernavaca Mor. 62251 MEXICO Cuernavaca, Mexico. *The Monogenic Radon-Nikodym Property for Clifford Modules*. Preliminary report.

We characterized the boundary limits of Monogenic functions defined in the unit ball in R^n with values in a Banach Space X which is also a Clifford Module as a class of vector-valued Measures. The case when X is a Banach lattice is also considered. (Received February 28, 2004)