

UCCS Department of Mathematics

Math Colloquium Series

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DATE:

MARCH 31, 2016

TIME:

12:30PM-1:30PM

(REFRESHMENTS AT 12:15PM)

LOCATION:

OSBORNE CENTER
ROOM# A327

Hodge-de Rham Operator on (some) Classical and Quantum Spheres

Abstract: The aim of this talk is to review the definition of the spin Dirac operator and of the Hodge-de Rham Dirac operator on a manifold in general, to describe them on classical sphere S^3 and S^2 , and then to present a Hodge-de Rham Dirac operator on a class of non commutative (quantum) spheres.