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Point Modules over Graded Skew Clifford Algebras. Preliminary report.

In a recent paper by T. Cassidy & M. Vancliff, the authors introduce a quantized analog of a graded Clifford algebra called a graded skew Clifford algebra (GSCA). In this talk, we use our notion of μ -rank defined on noncommutative quadratic forms (in Vancliff & Veerapen, 2012) to show that the point modules over a regular GSCA, A , are determined by the quadratic forms of μ -rank at most two in the Koszul dual of A . (Received September 10, 2012)