

CLASSIFICATION OF COMPLEX VECTOR BUNDLES OVER NONCOMMUTATIVE COMPLEX PROJECTIVE SPACE

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25 October, 16:45-17:45

We classify and construct all topological vector bundles on C^* -algebraic Θ -deformed complex projective space of arbitrary dimension n assuming a generic diophantine condition holds between the entries of the skew-symmetric $n + 1$ by $n + 1$ matrix Θ .