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**Albert Jeu-Liang Sheu\*** (asheu@ku.edu). *Vector Bundles over Multi-pullback Quantum Projective Spaces*. Preliminary report.

By realizing  $C(\mathbb{P}^n(\mathcal{T}))$  and  $C(\mathbb{S}_H^{2n+1})$  as groupoid  $C^*$ -algebras for the quantum complex projective spaces  $\mathbb{P}^n(\mathcal{T})$  constructed from the multi-pullback quantum spheres  $\mathbb{S}_H^{2n+1}$  introduced by Hajac and collaborators, we study the classification of the unitary equivalence classes of projections or equivalently the isomorphism classes of finitely generated projective modules over  $C(\mathbb{P}^n(\mathcal{T}))$  and  $C(\mathbb{S}_H^{2n+1})$ , and identify those quantum principal  $U(1)$ -bundles introduced by Hajac and collaborators among the projections classified. (Received September 01, 2016)