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*Non-commutative quadrics are ruled*

Non-commutative quadrics, defined and classified by M. Van den Bergh, are non-commutative deformations of  $\mathbb{P}^1 \times \mathbb{P}^1$ . They are classified in terms of their point schemes  $C$  and associated commutative geometric data.

We describe progress towards proving that a non-commutative quadric with  $C$  a smooth genus 1 curve is a non-commutative ruled surface over  $\mathbb{P}^1$ .