

Ross Street

Vector product and composition algebras in braided monoidal additive categories

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Abstract: This is an account of some work of Markus Rost and his students Dominik Boos and Susanne Maurer. It concerns the possible dimensions for composition (also called Hurwitz) algebras. We adapt the work to the braided monoidal setting.

Keywords: string diagram; vector product; bilinear form; braiding; monoidal dual

AMS Subject Classification: 18D10, 15A03, 17A75, 11E20

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