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Feb. 08, 2022



A summary about me

■ Research interests:

1. Generalised braid groups;
2. Categorification and (higher) representation theory;
3. Category theory: triangulated categories and stability conditions.

■ More specifically, my thesis studies:

1. Categorification of (Bourgin) representations: building algebras in tensor (fusion) categories;
2. Categorical dynamics (rank two): calculating categorical entropy for braid elements and a categorical Nielsen-Thurston Classification for the generalised braid groups.

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* *I will be a postdoc at the IHES, France starting September 2022.*

