

Announcement

Seminar on Deformation Quantization

21. 5. 2021 at 2PM CEST

<https://uni-wuerzburg.zoom.us/j/92529190594?pwd=WkJvR1o1QUdldUNSSjFJbHB4c0Z0dz09>

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Pushforward construction for equivariant topological quantum field theories

We want to make a G -equivariant theory into a H -equivariant theory. Here G and H are finite groups and there we use a group-morphism $\lambda: G \rightarrow H$. A G -equivariant topological quantum field theory is a TQFT where the Bordisms have some additional principal bundle structure (a map into the classifying space BG).

On the way we will encounter some groupoid gymnastics like principal bundles over a groupoid and weak pullbacks. In the end we will see, that this construction has (at least for some cases) a neat description in terms of defect networks decorated with group elements.

Invited by Stefan Waldmann