

Random

July-31-11
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Are there Gauss-diagram formulas for f.t. invariants of pure virtual braids?

Is there a direct proof that there are Gauss diagram formulas for f.t. invariants of ordinary braids? Is it any different than having a homomorphic expansion?

Is there an abstract "(K,I)" formulation for "Gauss Diagram Formulas"?

There ought to be a finite-type theory for groups/groupoids with a fixed/trivial Abelianization.

On <http://katlas.math.toronto.edu/drorbn/AcademicPensieve/2011-08/w-Computations/nb/FiftyDollarsBounty.pdf>: Is there an interpretation for these equations in the (mostly) 2D Lie algebra generated (mostly) by t_{12} and $d_{12}=a_{12}-a_{21}$?

Must figure out the symmetries of
the vertex!
Must be able to implement those on
the computer!