Random

February-03-09
9:34 AM

If tails commute, they needn't be ordered in the first place. Develop a new language for A^w in which this is manifest. Is it related, or can it be made related, to the "acrobats" appearing in deformation quantization?

study

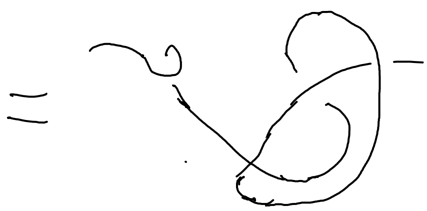
Lectures on the dynamical Yang-Baxter equations
Authors: [Pavel Etingof](), [Olivier Schiffmann]()

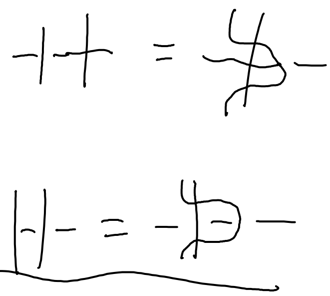
Pasted from <http://arxiv.org/abs/math/9908064>

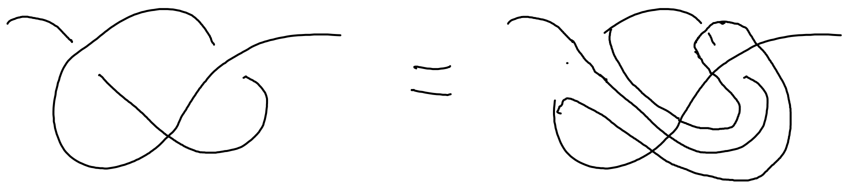
Super solutions of the dynamical Yang-Baxter equation
Author(s): Gizem Karaali

Pasted from <http://www.ams.org/proc/2006-134-09/S0002-9939-06-08495-4/home.html>

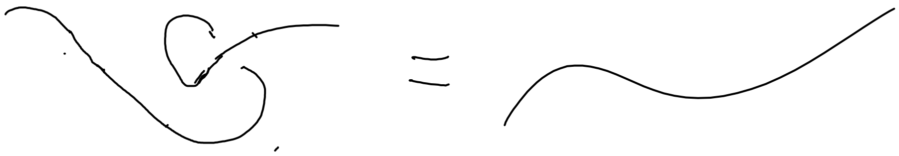
might be relevant too.



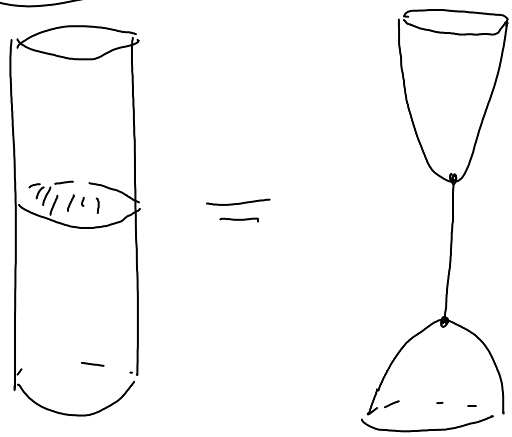




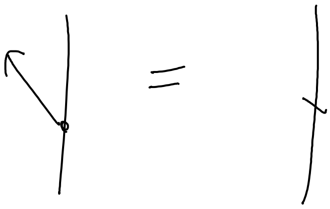
up to kinks.



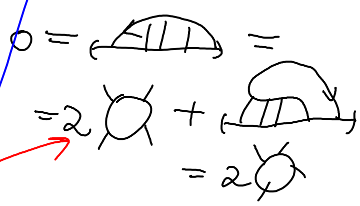
What are "Algebras with Class"?



on diagram level, arrow heads flow through while arrow tails are blocked.



Note $\mathcal{A}$( ) is trivial!? Indeed,



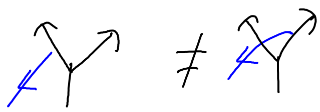
(at least if $2 \neq 0$)
(multiple wheels can be just added "in the background")

single strand only!

Wrong!
The 1+1 here is likely (−1=0).

The "note" is definitely false! Indeed, by direct computation of all 6T relations, $\neq 0$.

Claim $\mathcal{A}$( ) $\cong \mathcal{A}(\uparrow)$ Seems False!

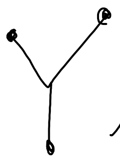


Question What is $\mathcal{A}$( )? Is it in some way, "just wheels"?

What's "clasper theory" for w-knots?

The quotient of one category by another, what sort of object is it?

what sort of object is it?

$\mathcal{A}^w\Big($  $\Big) = ?$