



To Do • Exa

- Example: KTGs and non-horizontal associators. ("bracket rise" arises here).
- Example: wKO's and the Kashiwara-Vergne equations.
- vKO's, bi-algebras, E-K, what would it mean to find an expansion, why I care (stronger invariant, more interesting quotients).
- wKO's, uKO's, and Alekseev-Enriquez-Torrosian.

At the

Footnotes

- I probably mean "a functor from some fixed "structure multi-category" to the multi-category of sets, extended to formal linear combinations".
- 2. See my paper [BN1] and my talk/handout/video [BN2].

References

- [BEER] L. Bartholdi, B. Enriquez, P. Etingof, and E. Rains, Groups and Lie algebras corresponding to the YangBaxter equations, Jornal of Algebra 305-2 (2006) 742-764, arXiv:math.RA/0509661.
- [BN1] D. Bar-Natan, On Associators and the Grothendieck-Teichmuller Group I, Selecta Mathematica, New Series 4 (1998) 183-212.
- [BN2] D. Bar-Natan, Braids and the Grothendieck-Teichmuller Group, talk given in Toronto on January 10, 2011, http://www.math.toronto.edu/~drorbn/Talks/Toronto-110110/.
- [Lee] P. Lee, The Pure Virtual Braid Group is Quadratic, in preparation.