GT Talk Sketch

January-08-13
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1. Thanks and apology, 15 years old work, the "pro-unipotent case", I may speak for less than an hour.
2. A word about the free Lie calculator.
3. See the handout.
4. Purpose is to make Drinfel'd conceptual.
5. The Yoda picture.
6. The overall "green" picture.
7. The pattern repeats in many other places!
8. The baby example of braids; use the blackboards below.
9. Several B's, several C's.
10. C, the Drinfel'd-Kohno-relations, the map C->I^n/I^(n+1), why 4T is reasonable.
11. Chord diagrams.
12. Comment 1: What is it good for? In more general cases, deciding topological questions.
13. Comment 2: The relationship with finite type invariants.
14. Parenthesized braids, skeletons and parenthesized permutations.
15. The allowed formal linear combinations and the augmentation ideal.
16. The d_i's and the s_i's, sigma.
17. The corresponding things on the C side.
18. X, H, Rtilde.
19. Isomorphisms B->C.
20. B is finitely presented: a, sigma generate, the pentagon, the hexagon.
21. Associators are isomorphisms.
22. Generators and relations for C, formulas for GRT.
23. The main "surjectivity" theorem; sketch of the proof.