January 18, 2023
1. Chelsea Walton
   1. Introduction to topic, especially state sum models.
2. Chelsea Walton
   2. Monoidal categories, monoidal functors, (b)module categories, and (b)module functors. Strictures and coherence. Graphical calculus. Vect, G^omega, and representations of Hopf algebras as a source of examples.

January 25, 2023
3. Emily McGovern
4. Abigail Watkins
   4. Linear monoidal categories, non-degeneracy. Fusion categories, tensor categories, more on module categories. Vect, G^omega as a running example.

February 1, 2023
5. Kürsat Sözer
   5. TV state sum models (without defects)
6. Kürsat Sözer
   6. BW state sum models (without defects): symmetries of simplicial invariants

February 8, 2023
7. Guillermo Sammarco
   7. (TVBW state sum models (without defects): PL manifolds and invariants of manifolds (start)
8. Guillermo Sammarco
   8. (TVBW state sum models (without defects): PL manifolds and invariants of manifolds (finish), connection to spherical Hopf algebras.

February 15, 2023
9. Vincent Thompson
   9. 2-categories, with examples Cat, Schumann’s (b)module categories with traces
10. Hongdi Huang
    10. Diagrams for (b)module categories, functors, and natural transformations

February 22, 2023
11. Alexander Betz
    11. Polygon diagrams
12. Rashed Arian
    12. Gluing polygon diagrams

March 1, 2023
13. Sam Hannah
    13. State sum models with defects: Triangulated 3-manifolds with defects, labeling of the triangulation
14. Benjamin Spencer

March 8, 2023
15. Quan Chen
    15. State sum models with defects: Generalized 6j-symbols (finish material from last time), examples over Vect, G^omega
16. Quan Chen
    16. State sum models with defects (and recovering TVBW case without defects)

March 15, 2023
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March 22, 2023
17. Sean Sanford
    17. Topological invariance: Moves between triangulated PL manifolds, neighborhoods of defect surfaces
18. Daniel Flores
    18. Topological invariance: State sums with defect discs

March 29, 2023
19. Kent Vashaw
    19. Triangulation independence, especially the set-up for [Meu, Theorem 5.16]
20. Kent Vashaw
    20. Triangulation independence, esp. [Meu, Theorem 5.16]

April 5, 2023
21. Fernando Liu Lopez
    21. Recap of material + Unravelled 3-ball without defects example
22. Kyle Schatz
    22. Cylinder with defect surface example

April 12, 2023
23. Harshit Yadav
    23. Genus g defect surface in 3-ball example + Torus embedded in S^3 example (if time permits)
24. Al
    24. Closing discussion: 2 minute elevator chats about one’s work (research, studies, stage, etc.)