

Hard Preps

April-29-11

9:29 AM

This is a list of "hard preps", that must be done *before* leaving to Villa de Leyva. The actual per-talk preps are to be done on site.

For Lecture I:

- Find and formulate a rigorous finite dimensional analog of Faddeev-Popov.
- Likewise for the Berezin integral and the transition to Fermionic perturbation theory.

For Lecture II:

- A good derivation of the propagator.
- The supersymmetry of CS and the unification of the Bosonic and Fermionic propagators.

For Lecture VI: Even what the trouble is might only be clear after Swiss Knots.

Or else, perhaps I should make a 6-8 page "handout booklet"?