

Quantum Topology / Hopf Algebra Seminar

Towards toposes and forcing: dependent types, toposes and presheaves

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Abstract: We are working towards a double negation sheaves understanding of Cohen forcing, roughly as in Johnstone's Dover book, but with P-names. We describe categories and toposes using 1st order dependent types. And we show that, using the Yoneda lemma, categories of presheaves are toposes.

Thursday, January 19 at 2:00 PM in SEO 612