

Phil Math Seminar

The basic type structure underlying Martin-Löf type theory

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Abstract: Univalent foundations employs an elaborate type structure whose main ideas trace back to the basic type structure underlying Martin-Löf type theory. I'll describe this basic type structure and how it arises from an attempt to interpret Brouwer's intuitionistic mathematics by means of a theory of constructions. No knowledge of this field, or of proof theory, is assumed.

Wednesday, March 29 at 3:00 PM in SEO 427