

John Baez: Also, in [homotopy type theory] we see that any proposition can also be seen as a space: the points of this space are just its proofs.

Harvey Friedman: This is the kind of prima facie nonsense that is VASTLY PREMATURE. Long before you do violence to sacred notions like “proposition” and “proofs”, you had better exhaust standard [foundations of mathematics] along the lines I indicated above, FIRST. Bringing the notions of propositions and proofs directly into your foundations for mathematics is actually a crime against the intellect.

— <https://cs.nyu.edu/pipermail/fom/2016-April/019695.html>

The Trivial Notions Seminar

Proudly Announces

Lévy Matrices

A talk by
Patrick Lopatto

Abstract

One of the most notorious problems in mathematical physics is to establish that delocalization occurs in the Anderson tight-binding model. I will give some background on random matrix theory and explain how Lévy matrices—which are random matrices whose entries have infinite variance—help shed light on this problem. I will also discuss an application to neural networks.

Friday, October 18th, at 12:30 pm
Science Center 530