No.
Date

SDG (Synthetic differential geometry)　20121079-4 江草諒、

homotopy type theory　実数には階層がある。

- Set 0
- 命題 -1
- 〃 -2

(R)
Set
D

predicate
$x=y$ を成立させるような道の全体

M : micro linear　$\|M\|_0$

D quasi-colimit diagram

$D \to \|M\|_0$　$\|M\|_0^D$

D quasi-colimit diagram

Axiom1 R　Homotopical　Q-algebra

Axiom 2　Generalized Kock-Lawvere Axiom

$W \cong R^{Spec_R W}$

$W \to \lambda_{x,W}\, \lambda f$　$\lambda f : spec_R\, w\, f(x)$　homomorphism　equivalence.

Prop. 28

1. A type M is microlinear ⇔ $\|M\|_0$ is microlinear
2. R : microlinear
3. M : microlinear set, X ; arbitrary type ⇒ X → M microlinear set
4. M is the limit of a diagram $\mathcal{U}$ of ~~mic~~ microlinear sets, then, M is a microlinear Set.