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Självständigt arbete i matematik

Matematiska institutionen

Stockholms universitet

Noa Hermele: A Model for Constructive Set Theory in Intuitionistic Type Theory

Sammanfattning

Peter Aczel developed a constructive set theory called CZF that is a constructive version of the classical set theory ZF. Aczel showed that CZF can be interpreted in Martin L  f's type theory by considering a type of sets, hence giving CZF a constructive meaning. In this master's thesis we review this interpretation.