JAAP VAN OOSTEN, Utrecht University, PO Box 80010, NL-3508 TA The Netherlands

AST in realizability

It is shown how David McCarty's well-known realizability model for IZF fits into Joyal and Moerdijk's framework of Algebraic Set Theory. We shall remark on a way to eliminate the external ordinals from the construction, as well as using recent work of M. Warren in order to obtain proof-theoretic properties of the model by topos-theoretic means.