

Logikseminariet Stockholm–Uppsala

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Quillen model categories and intensional type theory

From many perspectives, the intensional variant of Martin-Löf type theory offers compelling advantages over the extensional. Therefore, one would like to be able to give a coherent account of the categorical semantics of intensional type theory.

By considering the term model of an intensional dependent type theory, we shall attempt to deduce something about its categorical structure, highlighting the rather compelling parallels with the area of "homological algebra", as exemplified by Quillen's model categories.

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sal 3513, MIC,
Polacksbacken, Uppsala.

<http://www.math.su.se/~jesper/seminarier/>