

LOGIKSEMINARIET STOCKHOLM–UPPSALA

Jesper Carlström

Comments on Axiom of Choice and Excluded Middle

It has been known for a long time that the (extensional) axiom of choice implies the principle of excluded middle. I will prove the converse in type theory, using a mild extensionality principle which is accepted in classical mathematics and provable in Martin-Löf's extensional type theory.

Onsdag 25 februari kl. 10.00–11.45,
sal 16, hus 5,
Kräftriket, Stockholm.

Logikseminariets hemsida:
<http://www.math.su.se/matematik/forskning/logik/>