

Mês de: **FEVEREIRO 2014**

SEMINÁRIO DE LÓGICA MATEMÁTICA

Dia 27 de Fevereiro (quinta-feira), às 15 horas, na Sala B3-01

Shoenfield functional interpretation

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Abstract:

The Shoenfield functional interpretation is a tool in proof theory with a wide range of applications, for example:

- extraction of programs;
- extraction of witnesses;
- conservation results;
- relative consistency results;
- closure under rules.

In this talk:

- we introduce from scratch the bare-bones of the Shoenfield functional interpretation;
- we present applications of the Shoenfield functional interpretation;
- we present the factorisation of the Shoenfield functional interpretation in terms of the Gödel functional interpretation and the Krivine negative translation.

