Mês de: NOVEMBRO 2013

SEMINÁRIO DE LÓGICA MATEMÁTICA

Dia 21 de Novembro (quinta-feira), às 15 horas, na Sala B3-01

Linear Logic as a Refinement of Classical and Intuitionistic Logic

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Abstract:

Linear Logic, introduced by the French mathematician Jean-Yves Girard in 1987, immediately caught the attention not only of logicians but also of computer scientists. Its constructive way of handling resources found applications in fields such as programming languages, game semantics or linguistics.

In this talk we give (an informal) introduction to Linear Logic, specially having in view its comparison with classical and intuitionistic logic. The main goal is to make clear that the former is a natural refinement of the latter logics. Girard's well-known translation of intuitionistic logic into linear logic will serve this purpose.

Hopefully the talk will work as an appetizer for those not familiarized with linear logic.

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