

Logikseminariet Stockholm–Uppsala

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Effective distribution theory

The theory of distributions is central to modern analysis in general and the theory of partial differential equations in particular. I will explain how one may use effective domain representations to introduce a notion of effectivity for test functions and for distributions. Moreover, I will show that many of the standard operations on these spaces (such as differentiation, integration, convolution, and the Fourier transform) are effective in this sense.

Onsdag 24 maj kl. 10.30–12.15,
sal 3513, MIC,
Polacksbacken, Uppsala.

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