



Mês de: **Julho 2010**

## SEMINÁRIO DE ANÁLISE E EQUAÇÕES DIFERENCIAIS

Dia 6 de Julho (terça-feira), às 17h, na Sala B3-01

“Radial positive solutions of Neumann problems with large growth”

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### Abstract:

We first review some well-known results about symmetry, uniqueness and multiplicity of positive solutions of homogeneous Dirichlet BVPs in a ball or an annulus. We then discuss analogous problems with Neumann boundary conditions and we emphasize the drastic differences and open questions. In particular, we show that the number of positive solutions depends on the growth of the nonlinearity.

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