

# SEMINÁRIO

## ANÁLISE E EQUAÇÕES DIFERENCIAIS

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### Existence results for nonlinear differential problems

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**Abstract:**

The main aim of the talk is to discuss some existence results for nonlinear differential problems. First, a survey on existence results for boundary value problems (Dirichlet, Neumann, Periodic) obtained by using a coincidence point theorem for sequentially continuous mapping, is given.

Next, a recent result, established combining a priori bounds, difference, truncations techniques and variational methods, for a two-point boundary value problem, is presented.

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