



SEMINÁRIO

Análise e Equações Diferenciais

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Optimal design problems and applications
to thin structures

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ABSTRACT:

I will discuss several results, mostly obtained in collaborations with several authors, dealing with the optimal design problems, both in the framework of linear and nonlinear elasticity. Among the several models presented I will focus also on the case in which the hyperelastic energy density has nonstandard, possibly variable, growth. The case of thin structures will also be considered.

CMAF **10**