

# SEMINÁRIO

15 de Maio de 2009

(Departamento de Matemática, sala Sousa Pinto, 11:30-12:30)

**Título:** Recent progress in the application of semi-definite programming to discrete optimization.

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**Abstract:** The max-cut algorithm of Goemans and Williamson is 15 years old in 2009, and its impact in the area of semidefinite programming has been remarkable. In this talk, I will survey some of the main modelling and algorithmic developments since 1994 in the application of semidefinite programming to discrete optimization problems. I will also highlight promising directions for research in this area.

## Ciclo de Seminários CEOC