

DREXEL ANALYSIS SEMINAR

April 22, 2022

**2-3 PM, Korman 245**

**Speaker:** Alejandra Maestripieri (Universidad de Buenos Aires)

**Title:** Indefinite least squares with a quadratic constraint

**Abstract:** An abstract indefinite least squares problem with a quadratic constraint is considered. This is a quadratic programming problem with one quadratic equality constraint, where neither the objective nor the constraint are convex functions. Necessary and sufficient conditions are found for the existence of solutions.