Dpto. Estadística e Investigación Operativa

Stationarity and Regularity of Infinite Collections of Sets

Abstract. The talk is about a possible way of expanding the extremal principle from finite to infinite collections of sets. Stationarity and regularity properties of (finite and infinite) collections will also be discussed. Primal and dual space definitions of these concepts will be compared.

All the properties mentioned above can be characterized in terms of certain primal and dual (subdifferential) regularity moduli.

As an application of stationarity conditions, an intersection rule for Fréchet normals will be considered.

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Fecha: Miércoles, día 29 de junio de 2011, a las 12.00 h.

Lugar: Seminario de Matemáticas y Estadística