İSTANBUL ANALYSIS SEMINARS

CONES AND GEOMETRY OF BANACH SPACES

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Abstract: In this talk, we study geometrical properties of cones in connection with the geometry of Banach spaces. Especially we show that the existence of different kind of bases of cones, the existence of interior and quasi-interior points in the cones of a Banach space are related with general properties of the space as the reflexivity and the convergence of sequences.

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