ANALYSIS SEMINAR

SEMI–EMBEDDING

INHERITED PROPERTIES

ON BANACH SPACES

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Abstract: *A Banach space X is said to semi–embed into a Banach space Y if there is a one to one linear operator from X to Y such that the image of the closed unit ball of X is a closed subset of Y.*

A Banach space property is called semi–embedding inherited if it is inherited from a Banach space Y to a Banach space X whenever X is separable and semi–embeds into Y.

In this talk we will discuss what properties are semi–embedding inherited.