



Simion Stoilow Institute of Mathematics of the Romanian Academy

Conference

Multi-norms

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Abstract:

Let E be a Banach space. Then a multi-norm based on E is a sequence of norms, one on each of the Cartesian powers E^n , to satisfy certain axioms. There has been quite a lot of work on multi-norms in recent years; I shall try to summarize this and show some applications.

The theory is connected to the theory of tensor norms and to the theory of absolutely summing operators; it is related to, but different from, the theory of operator spaces.

Joi, 26 Septembrie 2013, ora 10:00 la sediul IMAR, sala 306.