

BANACH ENVELOPES OF QUASI-BANACH SPACES

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The *Mackey topology* τ of a locally bounded space X with separating dual is the strongest locally convex topology on X which is weaker than the original one. The Minkowski functional of the set $\overline{co}(B)$ is called the *Mackey norm* on X . The completion of the space (X, τ) is called the Mackey completion of X and is denoted by \widehat{X} . \widehat{X} equipped with the Mackey norm $\|\cdot\|_{\widehat{X}}$ is also called a Banach envelope of X .

We will discuss the recent developments of this subject in Cesàro spaces, Orlicz-Lorentz spaces and noncommutative spaces of measurable operators.

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