Abstract:

In this talk we review some results concerning solid spaces of sequences and functions and present new ones regarding infinite matrices. We complete the results given by A. Pelczynski and F. Sukochev about Schatten classes. Moreover, using Schur multipliers we find the largest solid subspace of $\mathcal{B}(D, \ell_2)$ and its conjugate space $\mathcal{I}(\ell_2)$.