

Семинар «Комплексный и гармонический анализ»

1 апреля (среда) 17:10, zoom ID 933-271-498

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## «Discrete and continuous Carleson embeddings for Hilbert spaces of harmonic and analytic functions»

One of the possible ways to interpret the description of the trace measure-weight pair for the weighted Hardy inequality on a tree (and poly-tree) is the characterization of Carleson measures for the weighted Dirichlet spaces on the unit disc (poly-disc). In dimension one this connection was investigated by Arcozzi, Rochberg et al., in higher dimensions however the only known results concern the endpoints of the Hardy-Dirichlet scale, in particular the Hardy space case (in this context) is treated via a highly non-trivial result by Lacey-Ferguson on the symbols of Hankel operators in the bidisc. We aim to give a short overview of this discrete-continuous-analytic transition and discuss some arising questions.

Приглашаются все желающие!