

Hilbert Spaces of Analytic Functions: Three non-traditional approaches.

2015 - 12 - 17 (Thu.)

16:00 - 17:00

308, Mathematics Research Center Building (ori. New Math. Bldg.)

Hilbert spaces of analytic functions is a beautiful, and old, subject in analysis. By the traditional approach, I mean the interplay between functional analysis and complex analysis, as best exemplified by the theory of the Hardy space over the unit disc.

In this talk I will talk about three other approaches which more or less reflect a personal taste:

- (1) Via commutative algebra;
- (2) Via harmonic analysis;
- (3) Via quasi-conformal mappings.



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