



MAFIA - the seminar you can't refuse

Unbounded Hankel operators

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September 13, 2022

12:00–13:00

in T212

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Abstract: I will state and discuss the following theorem: for any (unbounded) Hankel operator with the symbol from the Hardy class H^2 , the maximal and minimal domains coincide. I will then discuss an application of this theorem to the cubic Szegő equation on the unit circle; this is a model non-linear evolution equation which is set up in the Hardy class H^2 . This is recent joint work with Patrick Gerard (Paris-Orsay).