



# Analysis Seminar

## Some problems associated with the smoothness of Green's functions

By

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**Abstract:** We discuss the following open problems:

Does Hölder continuity of Green's function follow from Markov's property of the set?

Is there a two-sided Hölder Green function for a compact set on the line?

How to construct a compact set with Green's function of preassigned smoothness?

**Date:** Monday, February 12, 2024

**Time:** 15:30-16:30

**Place:** SA141 - Mathematics Seminar Room