Analysis Seminar

"On the absence of polynomial bases in some Whitney spaces"

By

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Abstract: We show that, for each compact set K of infinite cardinality with an isolated point, the space of Whitney jets on K does not possess a polynomial basis. Then we discuss why this fact does not contradict density of polynomials in any Whitney space.

Date: Tuesday, October 2, 2018

Time: 16:00-17:00

Place: Mathematics Seminar Room, SA – 141

Tea and cookies will be served before the seminar.