

COURSE

Operators of Harmonic Analysis in Grand Lebesgue Spaces

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It is proposed to deliver courses regarding mapping properties of operators of Harmonic Analysis in such non-standard function spaces as grand Lebesgue spaces. In particular, the boundedness of maximal, fractional and Calderón-Zygmund operators in these spaces will be delivered. Some of these results are based on the Rubio de Francia's weighted extrapolation theorems which has an independent interest in these spaces.

The lectures will take place in **room Sousa Pinto**, in the following days:

May 28, 10 :00 – 12 :00

May 29, 10 :00 – 12 :00

May 30, 10 :00 – 12 :00

May 31, 10 :00 – 12 :00

Functional Analysis and Applications Group



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