

ANUNCIO DE CONFERENCIA

*On an upper bound of an eigenvalue
for a weighted (fractional)
 p -Laplacian operator on metric graphs*

a cargo de

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RESUMEN: In this talk, first we provide an explicit upper bound of an eigenvalue for a weighted p -Laplacian operator defined on a connected metric graph with finite total length. Then, we extend the previous result to the case of a fractional p -Laplacian operator.

Keywords: Fractional p -Laplacian operator, Metric graph, Sobolev spaces.

Mathematics Subject Classification (2010): 34B45, 35P15, 35R02, 58J50, 47B65, 81Q35, 46G12.

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Organiza: Programa de Doctorado en Matemáticas.