

Seminario de análisis matemático y aplicaciones  
Analisi matematikoa eta aplikazioak mintegia

Weighted endpoint estimates for  
Calderón-Zygmund operators and  
square functions

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**ABSTRACT:** We give a weighted estimate for square functions at the critical Lorentz space  $L^{2,\infty}$ . This improves a similar result by Lacey and Scurry. The same method of proof also gives a very simple proof of the weighted weak-type estimate for Calderón-Zygmund operators of Lerner, Ombrosi, and Pérez. (Work in collaboration with Carlos Domingo-Salazar).

**LUGAR / LEKUA:**

Sala de seminarios de la sección de matemáticas

Matematika ataleko mintegi gela

**DÍA Y HORA / EGUNA ETA ORDUA:**

25/06/2015, 12:00