



Colloquium del Departamento de Análisis Matemático

Irshaad Ahmed

GC University en Faisalabad (Pakistan)

**“Reiteration Theorems for the two-parameter K -
interpolation Methods in Limiting Cases”**

Jueves 17 de septiembre de 2015
a las 13:00 horas en el seminario 222

Abstract:

We introduce a new K -interpolation method, for arbitrary couples of quasi-normed spaces, involving two scalar parameters. We extend some of the results in [1] and [2] by establishing the reiteration theorems for our K -interpolation methods in limiting cases.

[1] I. Ahmed, D.E. Edmunds, W. D. Evans and G. E. Karadzhov, Reiteration theorems for the K -interpolation method in limiting cases, Math. Nachr. **284** (2011), 421-442.

[2] F. Cobos and A. Segurado, Some reiteration formulae for limiting real methods, J. Math. Anal. Appl. **411** (2014), 405-421.

**Departamento de
Análisis Matemático**