## SEMINARI D'ANÀLISI UAB-UB

Dilluns 18 d'octubre del 2010, 16:00h Aula petita del CRM

## Curs 2010–2011

## On reduced Beltrami equations and linear families of quasiregular mappings

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**ABSTRACT**: We give a positive answer to a conjecture of K. Astala, T. Iwaniec, and G. Martin on reduced Beltrami equations. Moreover, we use it to study differential expressions related to twodimensional linear families of quasiregular mappings and prove that the associated general Beltrami equation is unique.