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Aula A1 (CRM).

G-compactness and families of quasiconformal mappings

JARMO JÄÄSKELÄINEN

Universidad Autónoma de Madrid & University of Helsinki

ABSTRACT:

In the research of G -compactness properties of linear Beltrami operators it was discovered that there is a natural one-to-one correspondence between linear families of quasiconformal mappings and solutions to linear Beltrami equations. In this talk we discuss this correspondence and a similar connection for nonlinear families and for (noninjective) families of quasiregular mappings.