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*Adequate families and renorming of spaces with unconditional bases*

We characterise those spaces  $X$  with an (uncountable) unconditional basis which admit an equivalent norm, the dual norm of which is strictly convex. The problem is essentially topological, and the notion of adequate families, introduced by Talagrand, plays a central role. We discuss the corresponding situation for Gâteaux smooth norms and related questions.

This is joint work with S. Troyanski of the Universidad de Murcia in Murcia, Spain.