1113-46-106   **F Albiac**, **J L Ansorena**, **S J Dilworth*** (`dilworth@math.sc.edu`) and **Denka Kutzarova**.
Uniqueness of Greedy Bases in Banach Spaces.

Greedy bases are the bases for which the Thresholding Greedy Algorithm produces the best n-term approximation up to a multiplicative constant. According to a theorem of Konyagin and Temlyakov, greedy bases are characterized as being unconditional and democratic. The latter is a symmetry condition on the basis which is weaker than being subsymmetric. The spaces c_0, ℓ_1, and ℓ_2 are the only Banach spaces with a unique semi-normalized unconditional basis up to basis equivalence. We present new examples of Banach spaces with a unique greedy basis. These examples are certain Orlicz and Marcinkiewicz sequencespaces. (Received August 14, 2015)

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