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Ben Wallis* (benwallis@live.com), Dekalb, IL 60115, and **Fernando Albiac** and **Jose L Ansorena**. *Garling sequence spaces*.

We introduce and investigate a new class of separable Banach spaces modeled after an example of Garling from 1968. For each $1 \leq p < \infty$ and each nonincreasing weight $w \in c_0 \setminus \ell_1$ we exhibit an ℓ_p -saturated, complementably homogeneous, and uniformly subprojective Banach space $g(w, p)$. We also show that $g(w, p)$ admits a unique subsymmetric basis despite the fact that for a wide class of weights it does not admit a symmetric basis. This provides the first known examples of Banach spaces where those two properties coexist. (Received July 18, 2017)