

Isometries between subspaces of codimension n of the space $C([1, \omega n])$

Marek Malec

*Institut Matematyki, Uniwersytet Marii Curie-Skłodowskiej,
Lublin, Poland*

marekmalec0@gmail.com

For any given vector $x \in B_{\ell_1}$ and up to isometry, there exists exactly one ℓ_1 -predual space X such that the ℓ_1 standard basis is $\sigma(\ell_1, X)$ -convergent to x . We will explore what happens if we consider spaces for which the ℓ_1 standard basis has more w^* -cluster points.

References

- [1] E. Casini, E. Miglierina, L. Piasecki, *Explicit models of ℓ_1 -preduals and the weak* fixed point property in ℓ_1* , arXiv, **2209.05116v2**(2022).
- [2] L. Piasecki, *On ℓ_1 -preduals distant by 1*. *Ann. Univ. Mariae Curie-Skłodowska* VOL. LXXII, NO. 2, 2018, sect. A, 41-56.