

# From weak\* fixed point property to polyhedrality, and back...

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The main aim of these series of lectures is to present two results that characterize all Lindenstrauss spaces whose duals have the weak\* fixed point property and the stable weak\* fixed point property by means of geometrical and topological properties of the dual ball, as well as through the study of various structural properties of them. In addition it is worth noticing that properties of this type have already been considered in the literature but in a completely different framework of polyhedral Lindenstrauss spaces. Therefore, our results build a bridge between, till now, seemingly two separated fields of Banach space theory.

## References

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