

XX Encuentros de Análisis Real y Complejo  
Cartagena, 26-28 de mayo de 2022

## ON SLOW DECAY OF PEETRE'S K-FUNCTIONAL

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ABSTRACT. We characterize when Peetre's K-functional slowly decays to zero. We use this characterization to demonstrate certain strict inclusions between real interpolation spaces. The talk is based on joint work with P. Fernández-Martínez.

### REFERENCES

- [1] J. M. Almira, and P. Fernández-Martínez, *On slow decay of Peetre's K-functional*, J. Math. Anal. Appl. **494**, Issue 2, 15 February 2021, 124653.

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