$C^*$-ALGEBRA DISTANCE FILTERS

TRISTAN BICE,¹* and ALESSANDRO VIGNATI²

Communicated by M. Mathieu

ABSTRACT. We use nonsymmetric distances to give a self-contained account of $C^*$-algebra filters and their corresponding compact projections, simultaneously simplifying and extending their general theory.

REFERENCES

1. If two projections are close, then they are unitarily equivalent, MathOverflow, 2013.


---

1 Institute of Mathematics of the Polish Academy of Sciences, Warsaw, Poland. E-mail address: Tristan.Bice@gmail.com
URL: http://www.tristanbice.com

2 Institut de Mathématiques de Jussieu - Paris Rive-Gauche, Paris, France. E-mail address: Ale.Vignati@gmail.com
URL: http://www.automorph.net/avignati