



Olena Kozhushkina (okozhus1@kent.edu) Department of Mathematics, Kent State University, Kent, OH 44242, USA, *The Bishop-Phelps-Bollobàs Property for $C(K)$ -valued operators.*

ABSTRACT. The Bishop-Phelps-Bollobàs theorem provides a quantitative improvement of the celebrated Bishop-Phelps theorem. The question of generalizing the Bishop-Phelps property to spaces of operators has been studied widely. The result in which we are interested is due to Johnson and Wolfe: let X be an Asplund space and let $C(K)$ be the space of continuous functions on a compact Hausdorff K . We show that in this case $L(X, C(K))$ has a Bishop-Phelps-Bollobàs property.

This is a joint work with R.Aron and B.Cascales.