ON THE BISHOP-PHELPS-BOLLOBAS PROPERTY FOR NUMERICAL RADIUS IN $C(K)$-SPACES

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We study the Bishop-Phelps-Bollobas property for numerical radius within the framework of $C(K)$ spaces. We present several sufficient conditions on a compact space $K$ ensuring that $C(K)$ has the Bishop-Phelps-Bollobas property for numerical radius. In particular, we show that $C(K)$ has such property whenever $K$ is metrizable.

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