A SOLUTION TO A PROBLEM OF ABRAMOVICH, ALIPRANTIS AND BURKINSHAW

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Abstract. A problem posed by Abramovich, Aliprantis and Burkinshaw in [1] asks whether there exists a non-trivial closed $B$-invariant subspace, or a $T$-invariant subspace, or a common invariant subspace for $B$ and $T$ when $B$ and $T$ are two commuting positive operators on a Banach lattice such that $B$ is compact-friendly and $T$ is locally quasi-nilpotent. A solution to this problem, which is a joint work with Tunç Mısırlıoğlu from İstanbul University, constitutes the subject matter of this talk.

References