

SEQUENCES OF k -REFLEXIVITY DEFECTS

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Abstract. Let \mathcal{H} be a complex separable Hilbert space and let k be a positive integer. Given a sequence of nonnegative integers $r_1 \geq r_2 \geq \dots \geq 0$ we show that there exists a subspace $\mathcal{S} \subseteq \mathcal{B}(\mathcal{H})$, such that $\text{rd}_k(\mathcal{S}) = r_k$ for all $k \geq 1$.

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