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SPECHT RATIO $S(1)$ CAN BE EXPRESSED BY KANTOROVICH CONSTANT $K(p)$: $S(1) = \exp[K'(1)]$ AND ITS APPLICATION

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Abstract. In what follows, an operator means a bounded linear operator on a Hilbert space H. We show a very interesting new relation between *Specht ratio* $S(1)$ and *Kantorovich constant* $K(p)$: $S(1) = e^{K'(1)}$ and several applications of this relation are given.

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