## A short review and remarks about the Hilbert matrix

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We will review some previous results about the operator  ${\cal H}$  induced by the  ${\bf Hilbert\ matrix}$ 

Hilbert matrix  $H=\left(\frac{1}{i+j+1}\right)_{i,j=0}^{\infty}$  on spaces of analytic functions of the unit disc, and will consider some generalization. alizations and variations of H.