

INVERTIBILITY OF OPERATORS AND INTERPOLATION OF SUBSPACES

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Abstract. I will discuss the problem of invertibility of a linear operator $A : \vec{X}_{\theta,q} \rightarrow \vec{Y}_{\theta,q}$ under the condition that it is invertible on end spaces. I will present some necessary and sufficient conditions for invertibility of the operator. I will also discuss the connection between the considered problem and the well-known problem of interpolation of subspaces.

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