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## A Note on the Perturbation Bound of Q-factors

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摘要 In this note we present a perturbation bound of unitary

polar factors. We add the orthogonal projectors into the bound; as

a result, a uniform perturbation bound of  $Q$ -factors is obtained,

and the previous bounds are improved.

关键词 [Polar decomposition, perturbation, norm](#)

分类号

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Abstract

Key words

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