

A. HORN'S RESULT ON MATRICES WITH PRESCRIBED SINGULAR VALUES AND EIGENVALUES*

TIN-YAU TAM[†]

Abstract. We give a new proof of a classical result of A. Horn on the existence of a matrix with prescribed singular values and eigenvalues.

Key words. Eigenvalues, singular values.

AMS subject classifications. 15A45, 15A18.

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[†]Department of Mathematics and Statistics, Auburn University, AL 36849-5310, USA (tamtiny@auburn.edu).