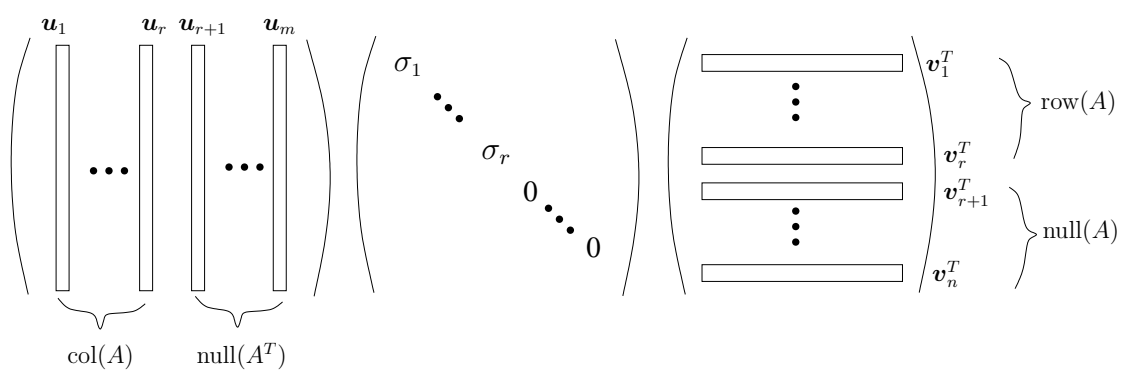
$\boldsymbol{u}_1$
$\boldsymbol{u}_r$
$\boldsymbol{u}_{r+1}$
$\boldsymbol{u}_m$
σ_1
σ_r
0
0
$\boldsymbol{v}_1^T$
$\boldsymbol{v}_r^T$
$\boldsymbol{v}_{r+1}^T$
$\boldsymbol{v}_n^T$
row(A)
null(A)
col(A)
null(A^T)