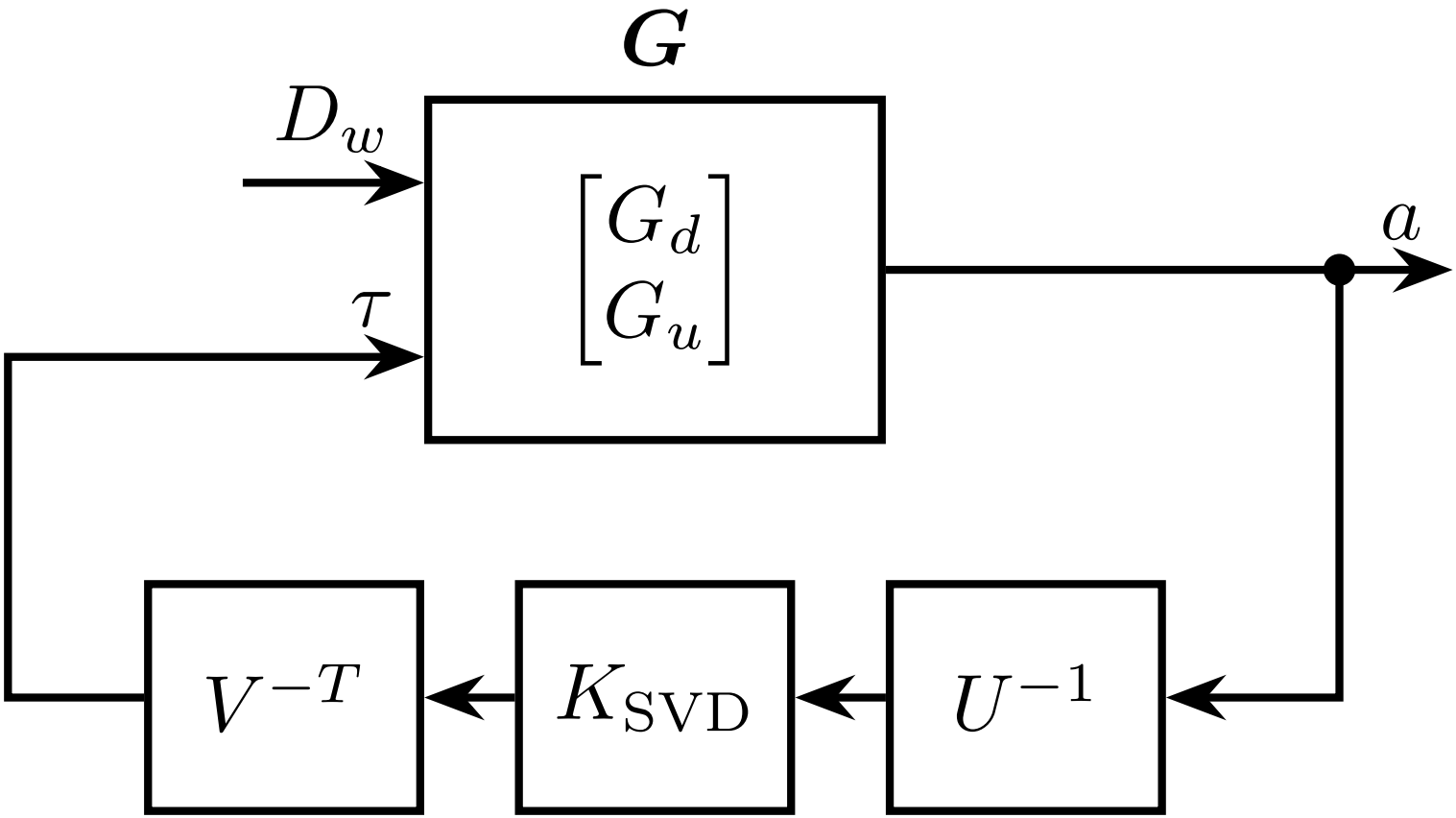
$\boldsymbol{G}$
D_w
τ
$\begin{bmatrix} G_d \\ G_u \end{bmatrix}$
a
V^{-T}
K_{SVD}
U^{-1}