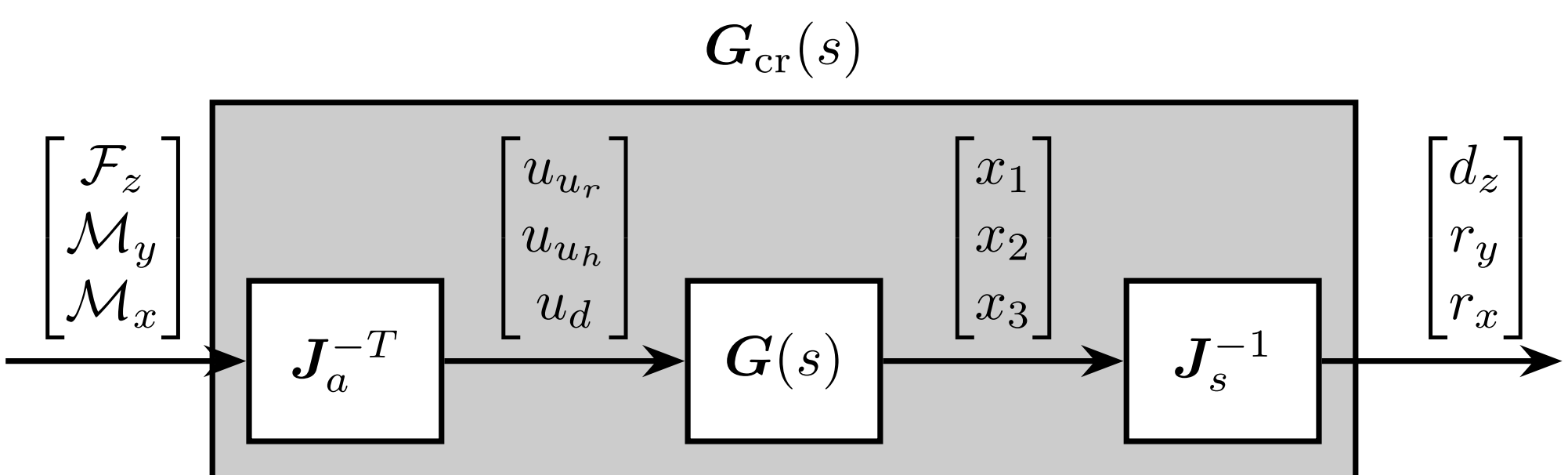
$\boldsymbol{G}_{\mathrm{cr}}(s)$
$\begin{bmatrix} \mathcal{F}_z \\ \mathcal{M}_y \\ \mathcal{M}_x \end{bmatrix}$
$\boldsymbol{J}_a^{-T}$
$\begin{bmatrix} u_{u_r} \\ u_{u_h} \\ u_d \end{bmatrix}$
$\boldsymbol{G}(s)$
$\begin{bmatrix} x_1 \\ x_2 \\ x_3 \end{bmatrix}$
$\boldsymbol{J}_s^{-1}$
$\begin{bmatrix} d_z \\ r_y \\ r_x \end{bmatrix}$