



$$\boldsymbol{\tau} = (\tau_1, \tau_2, \tau_3, \tau_4)^T$$

$$\tilde{\boldsymbol{\tau}} = (\beta_1, \beta_3, \beta_4, \tau_2)^T$$

$$\tilde{\mathbf{x}} := (\mathbf{x}, \tau_1, \tau_3, \tau_4, \alpha_1, \alpha_3, \alpha_4)^T$$