

```
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    -0.999017,0,0.305468,-0.00814133,0.483198,1],
  "O_T_EE_d": [0.998582,0.0329548,-0.041575,0,0.0336027,-0.999313,0.0149824,0,-0.0410535,
    -0.0163585,-0.999023,0,0.305444,-0.00810967,0.483251,1],
  "F_T_EE": [0.7071,-0.7071,0,0,0.7071,0.7071,0,0,0,0,1,0,0,0,0.1034,1],
  "EE_T_K": [1,0,0,0,0,1,0,0,0,0,1,0,0,0,0,1],
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  "m_total": 0.73, "F_x_Ctotal": [-0.01,0,0.03], "I_total": [0.001,0,0,0,0.0025,0,0,0,0.0017],
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  "tau_J_d": [0,0,0,0,0,0,0],
  "dtau_J": [-54.0161,-18.9808,-64.6899,-64.2609,14.1561,28.5654,-11.1858],
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  "K_F_ext_hat_K": [-2.03638,-0.529916,0.228266,-0.275938,0.434583,0.0317351],
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  "dtheta": [0,0,0,0,0,0,0],
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