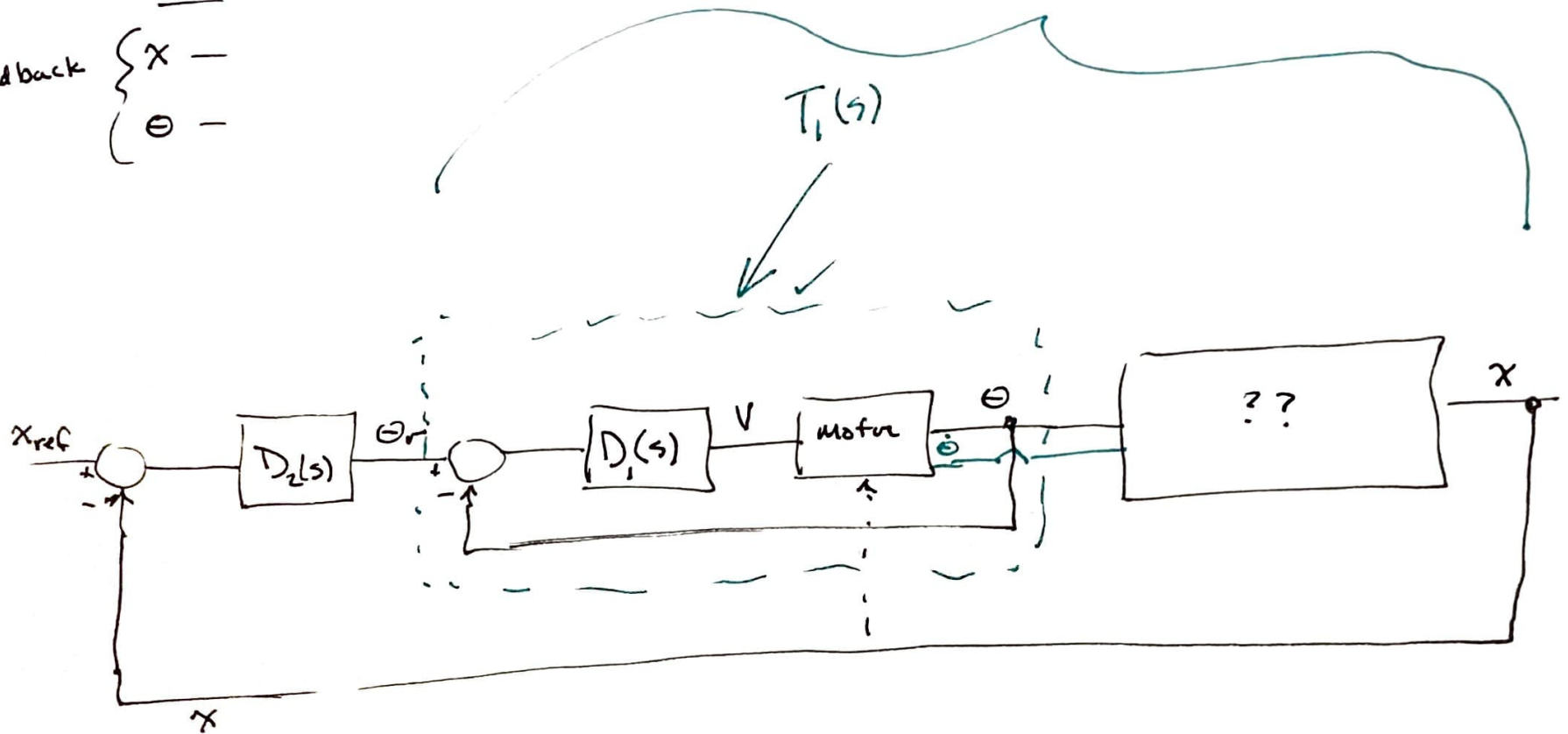


Feedback $\begin{cases} x - \\ \theta - \end{cases}$

Plant



$$a\ddot{x} + \cancel{b}\ddot{\theta} + c \underbrace{x}_{0} \underbrace{\dot{\theta}^2}_{\theta} = d \sin \theta$$

as^2

$\begin{matrix} x \\ \theta \end{matrix}$

$$\frac{X(s)}{\Theta(s)}$$