

Relative Error
in Normalized
Fascicle Length

$$\frac{l_{T,s}}{l_{m,o}} \left(\frac{\hat{l}_T^2(t_o) - \frac{l_{T,o}}{l_{T,s}}}{\cos(\rho)} \right)$$

$$\frac{l_{T,s}}{l_{m,o}} \left(\frac{\hat{l}_T^1(t_o) - \frac{l_{T,o}}{l_{T,s}}}{\cos(\rho)} \right)$$

$$\hat{f}_T^1(t_o)$$

$$\hat{f}_T^2(t_o)$$

$$\text{asymptotic slope} \approx - \left(\frac{l_{T,s}}{l_{m,o}} \right) \left(\frac{l_{T,o}}{l_{T,s}} \right) \frac{1}{c^T \cos(\rho)}$$

$$\text{slope} \approx - \left(\frac{l_{T,s}}{l_{m,o}} \right) \left(\frac{l_{T,o}}{l_{T,s}} \right) \frac{\left(1 - \exp \left[-\hat{f}_T^i(t_o) / c^T k^T \right] \right)^{-1}}{c^T \cos(\rho)}$$

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Normalized
Tendon Force

