

# Advanced Examples

- [Building a Dynamic Walker in Matlab](#)
- [Dynamic Walking Challenge: Go the Distance!](#)
- [Pulling Out the Stops: Designing a Muscle for a Tug-of-War Competition](#)
- [Sky High: Coordinating Muscles for Optimal Jump Performance](#)
- [Custom Static Optimization in MATLAB](#)
- [Moco: Predict a Squat-to-stand](#)