

# Dynamics Theory

Sherman, M.A., Seth, A., Delp, S.L. **Simbody: multibody dynamics for biomedical research**. Procedia IUTAM, vol 2, pp 241-261. [Download PDF Document](#)

Seth, A., Sherman, M., Eastman, P., Delp, S. **Minimal formulation of joint motion for biomechanisms**, Nonlinear Dyn, vol 62, pp 291-303. [Download PDF Document](#)

Sherman, M.A., Seth, A., Delp, S.L. **What is a moment arm? Calculating muscle effectiveness in Biomechanical models using generalized coordinates**, Proceedings of the ASME 2013 International Design Engineering Technical Conferences. [Download PDF Document](#)