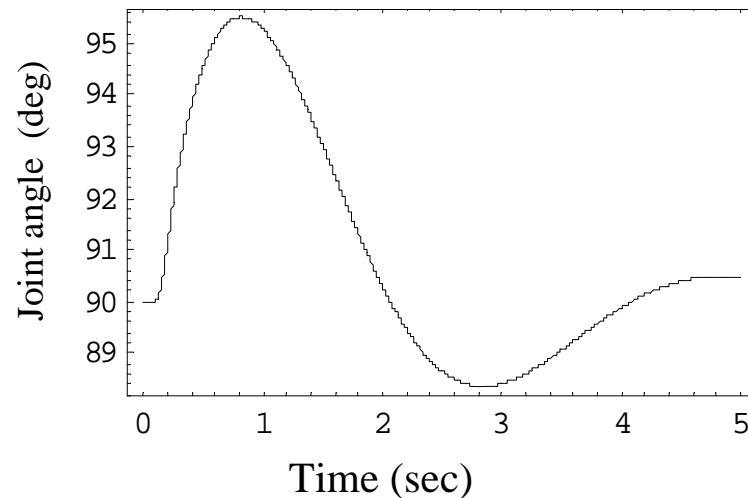
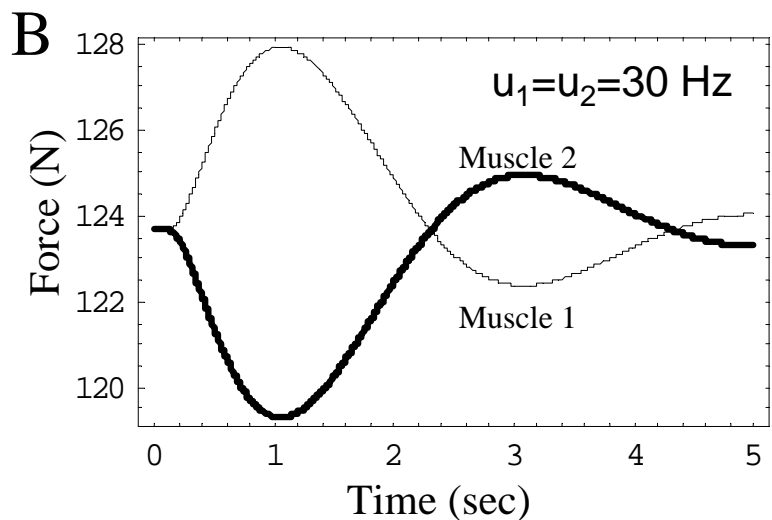
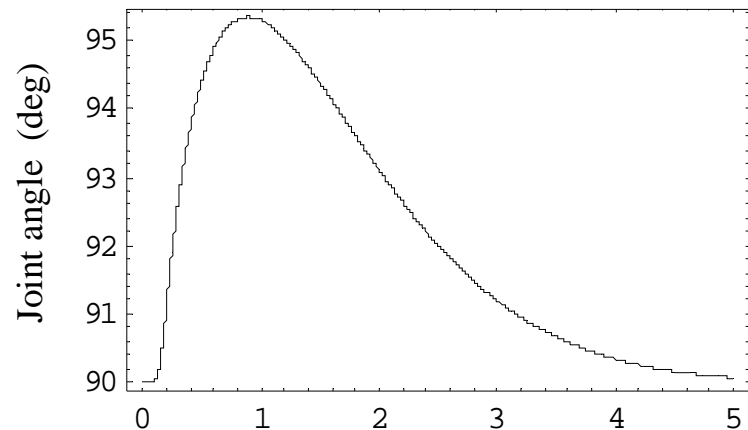
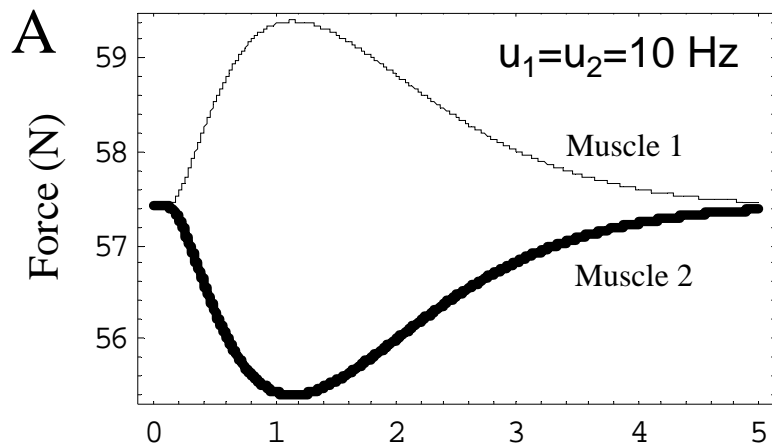


# Length-tension properties of muscles produce restoring torques

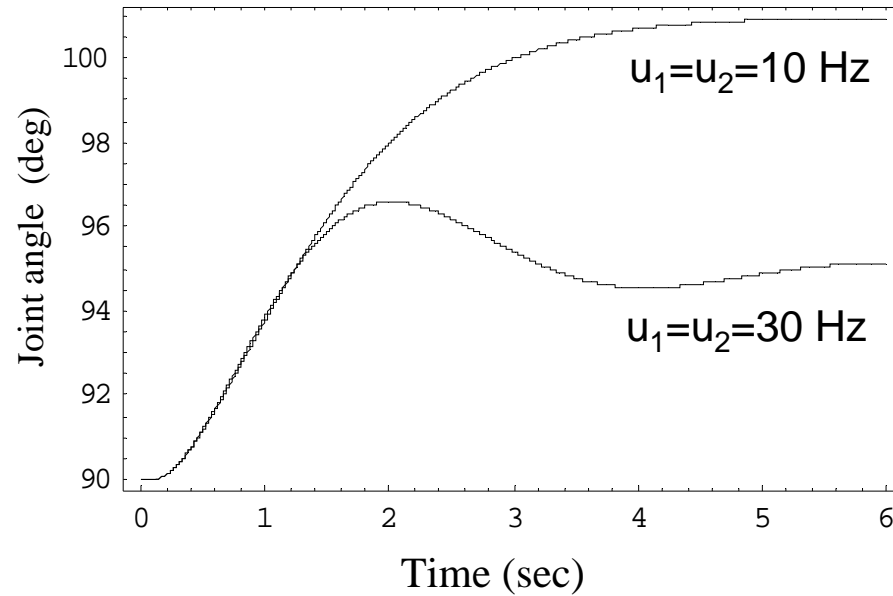
## Response to a torque pulse



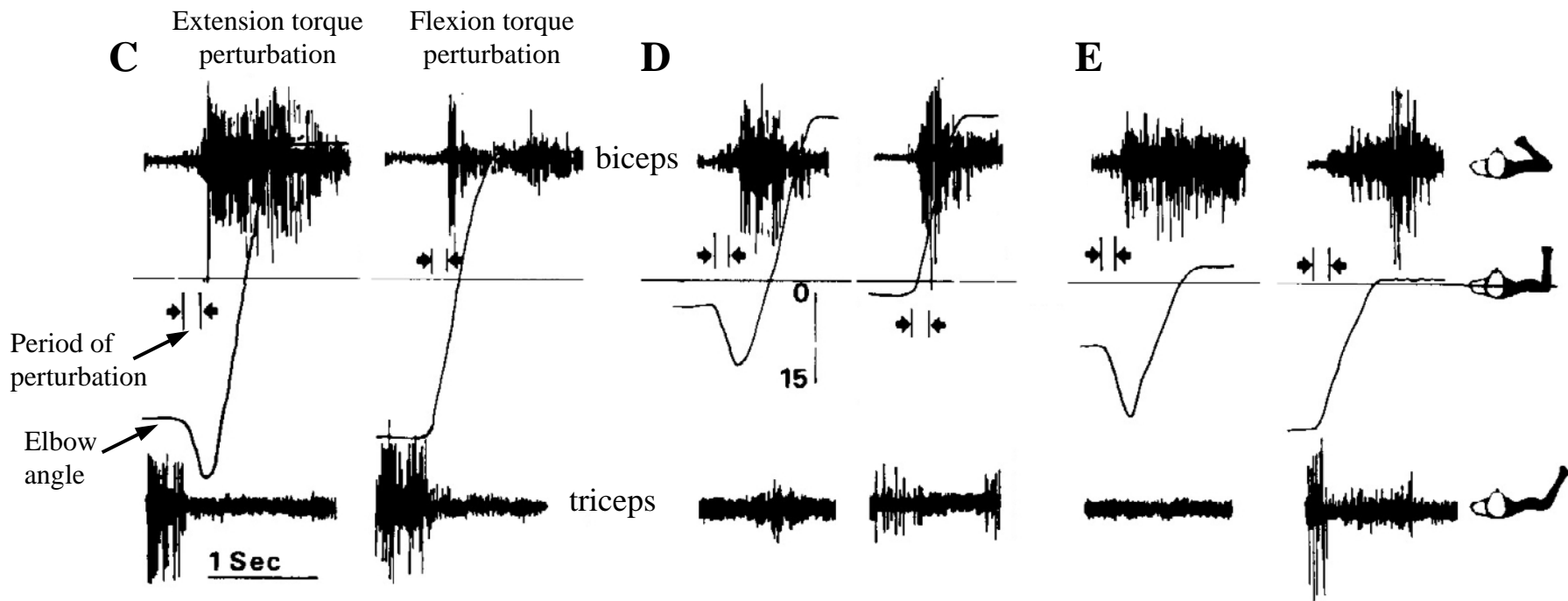
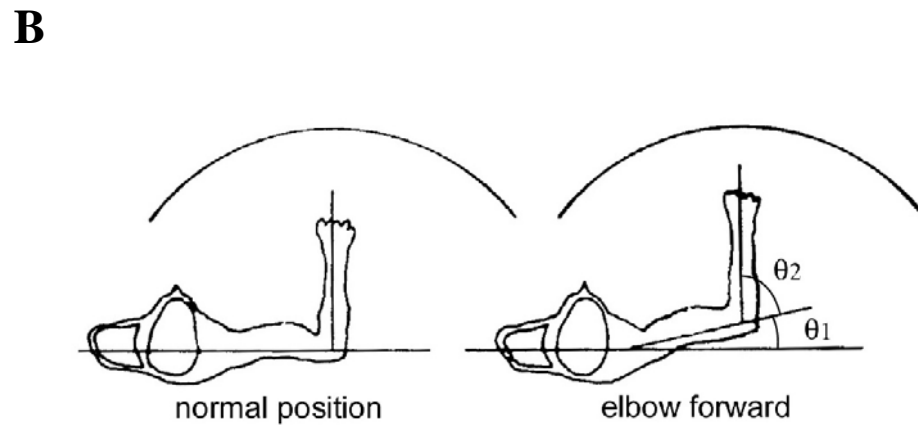
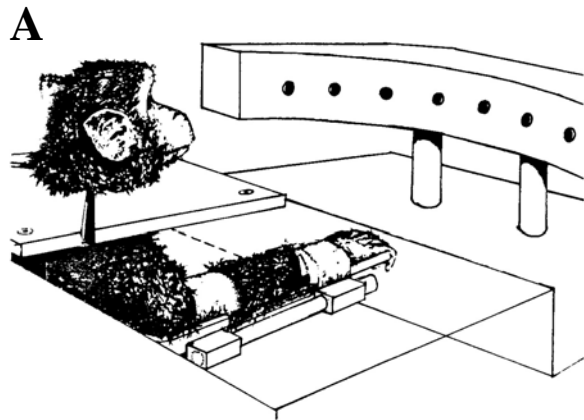
100ms torque pulse (1N.m) given near time 0.

# Length-tension properties of muscles produce restoring torques

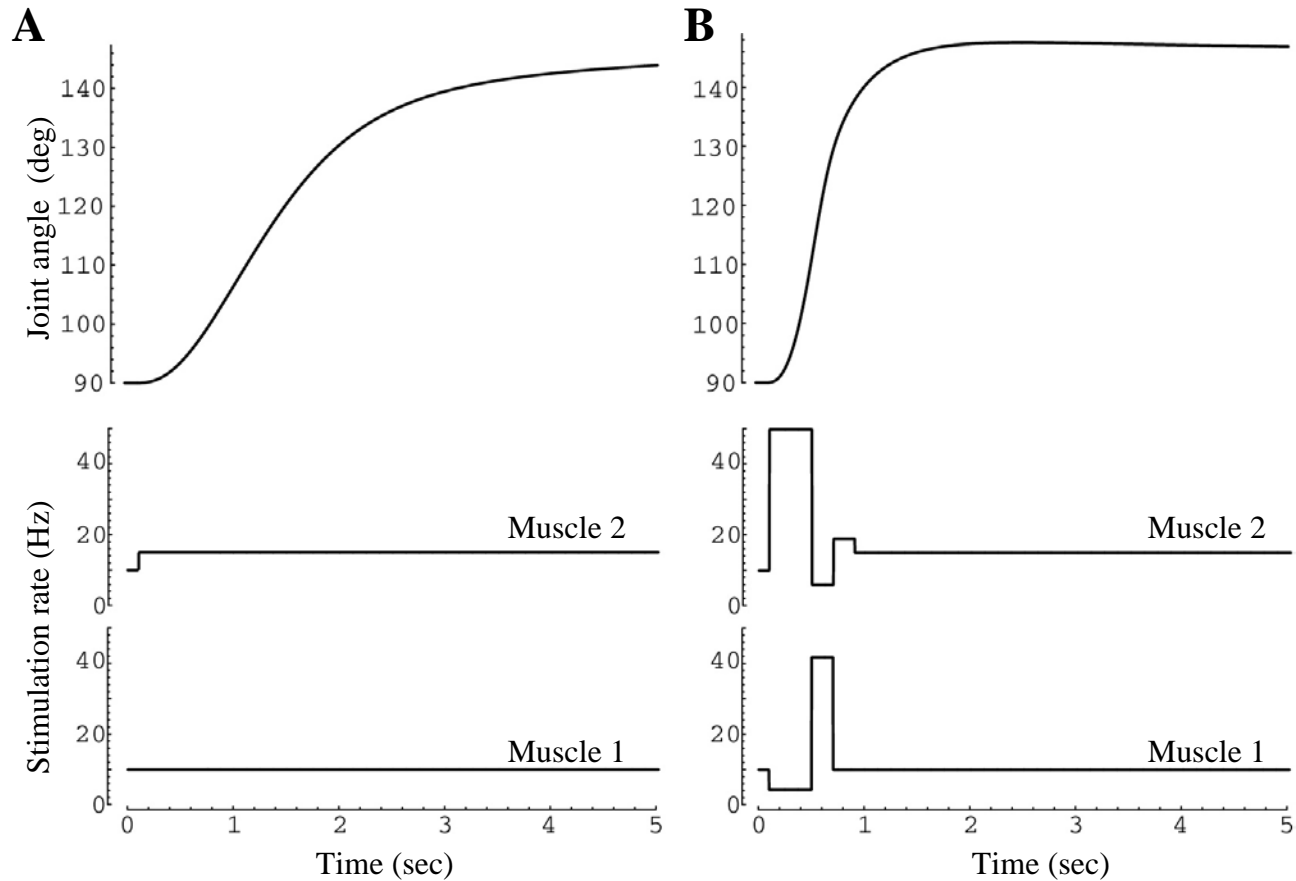
## Response to a torque step

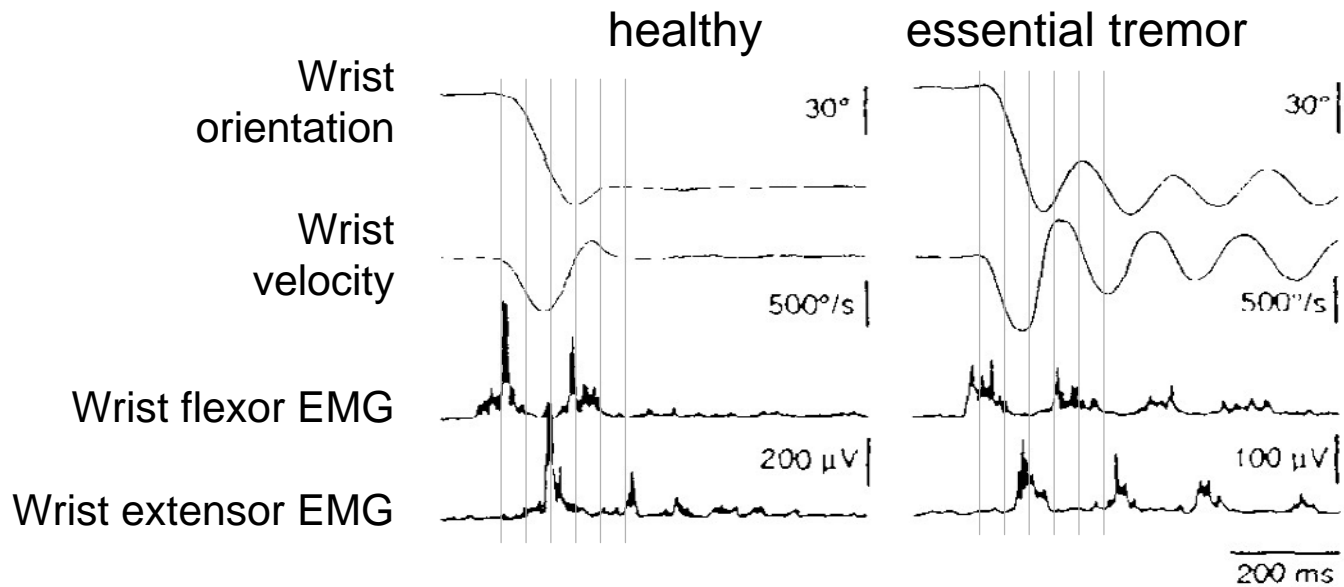
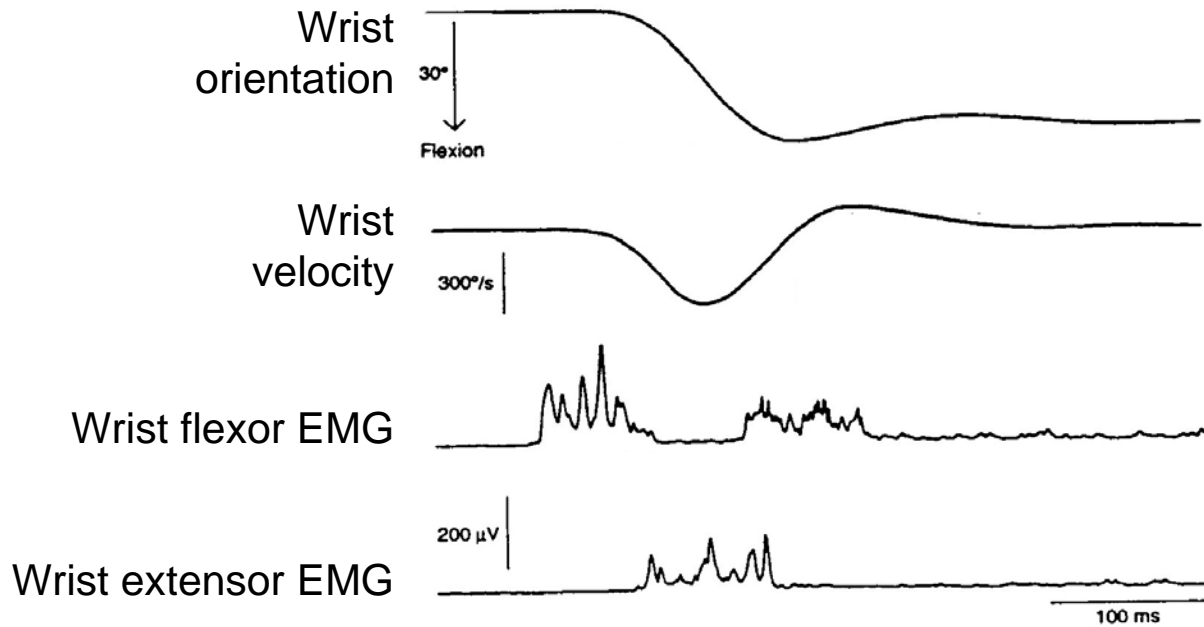


0.1 N.m torque step given near time 0.

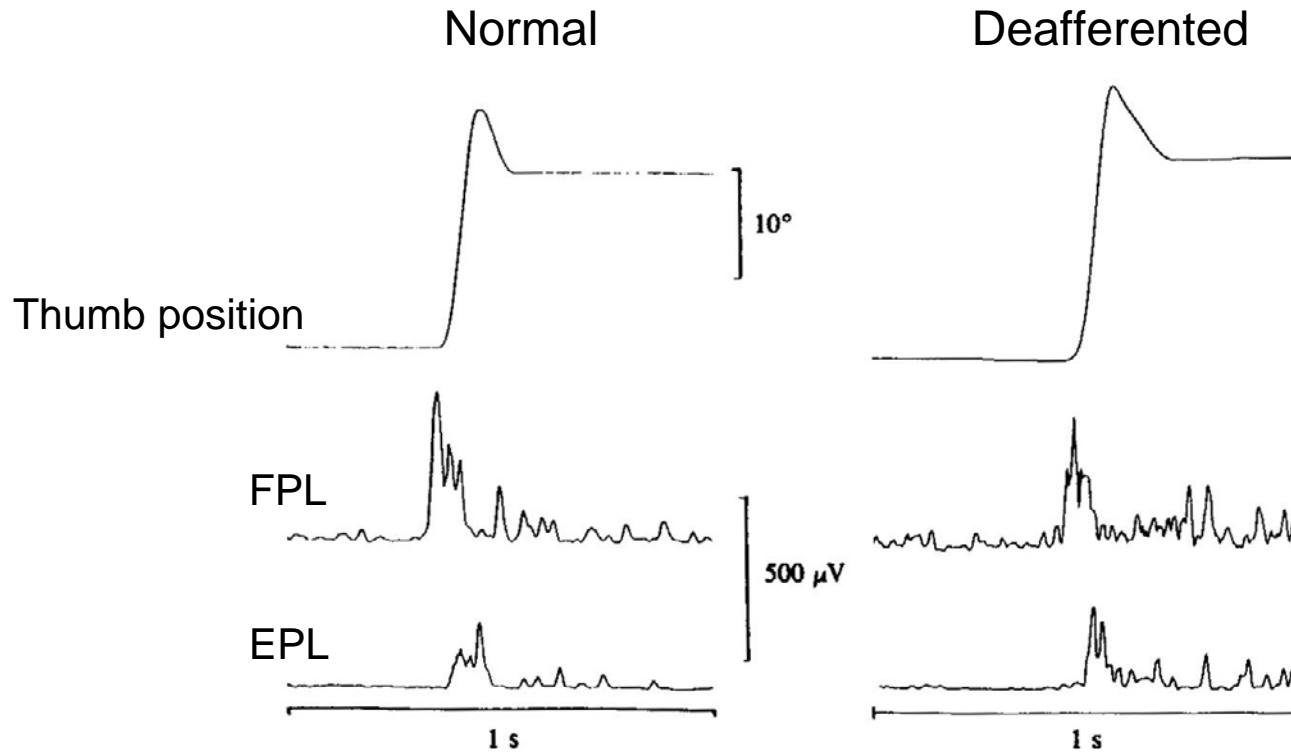


# Rapid movement through sequential muscle activation





# Effect of sensory nerve damage on voluntary movements



# Effect of sensory nerve damage on maintaining posture

