

October 16, 2015

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The team sampled the bicep curl motion time period with 30lb weight. Twenty people were sampled and the data showed that the averaged time for a bicep curl was 1s (up and down separately). This information will be used to simulate the motion as naturally as possible.

After time sampling, the contraction ratio of the artificial muscle was tested since the correct size braided sheath came in the mail. This method of actuation was determined to provide a smaller amount of torque and contraction than necessary. This means that the method of actuation that our project is using will be a motor.

Our team also worked on our midterm presentation.