

Chapter 2

Graphs

In this section, we represent the graphs for position, velocity, and acceleration associated with each generated motion.

1. Upward motion graphs
2. Cosine motion graphs
3. sine motion graphs
4. front motion graphs
5. Sideways motion graphs
6. circular motion graphs
7. helical motion graphs

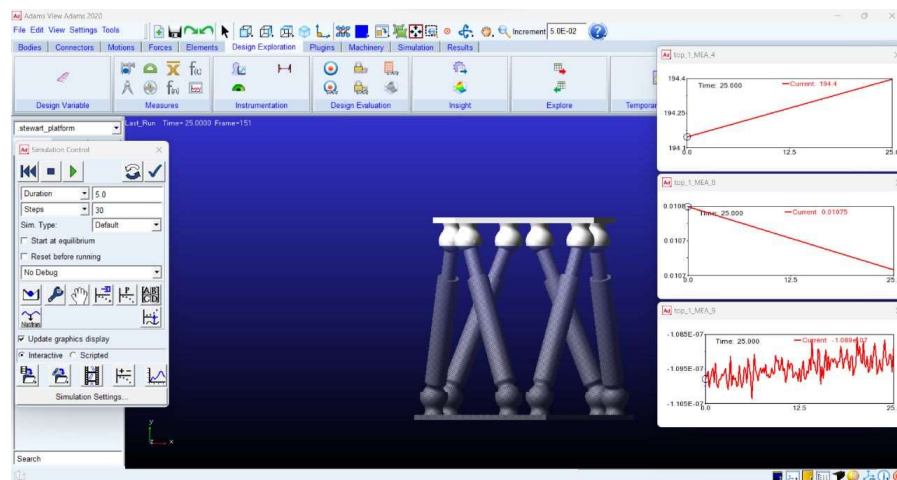


Figure 2.1: Upward motion graphs

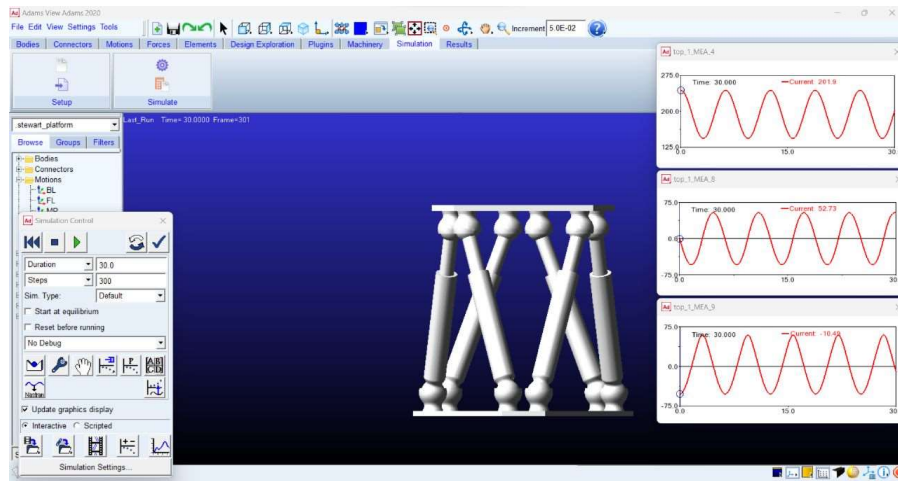


Figure 2.2: Cosine Motion graph

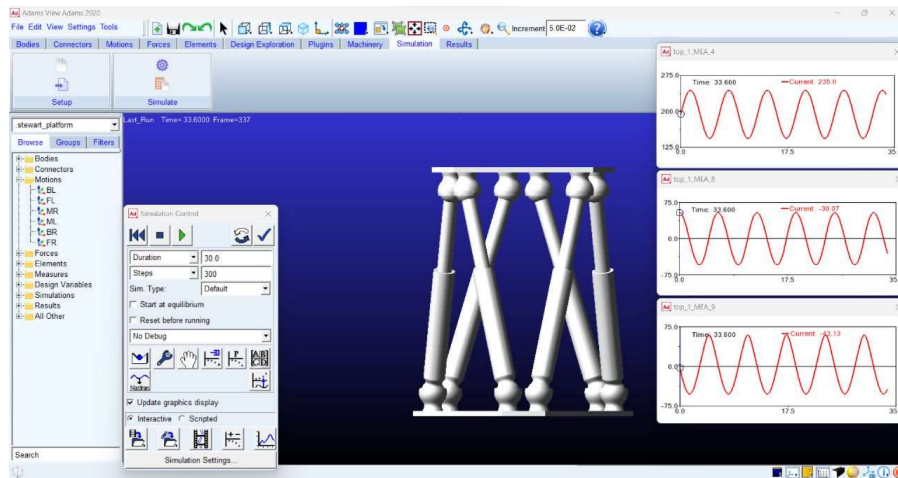


Figure 2.3: sine motion graphs

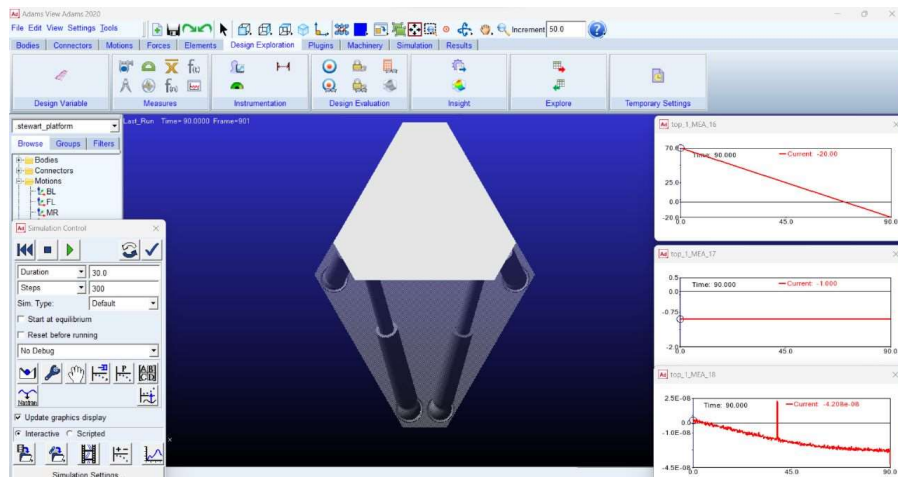


Figure 2.4: front motion graph

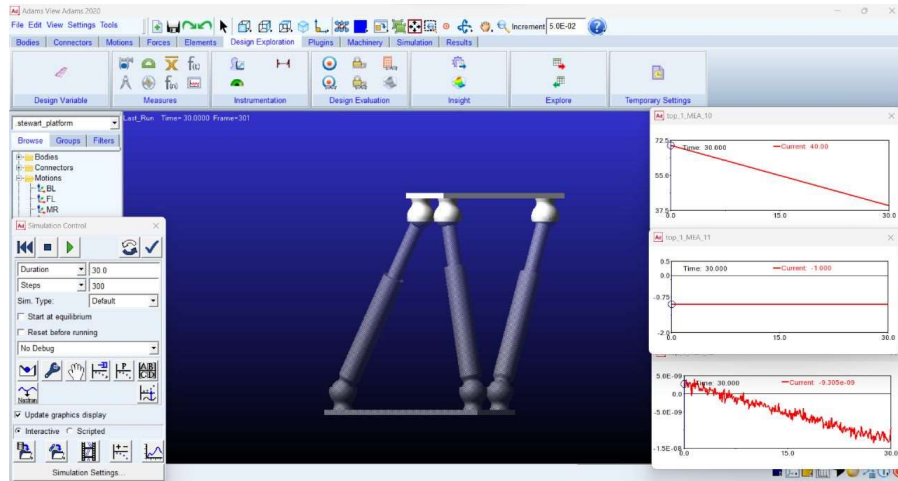


Figure 2.5: Front motion graph 2

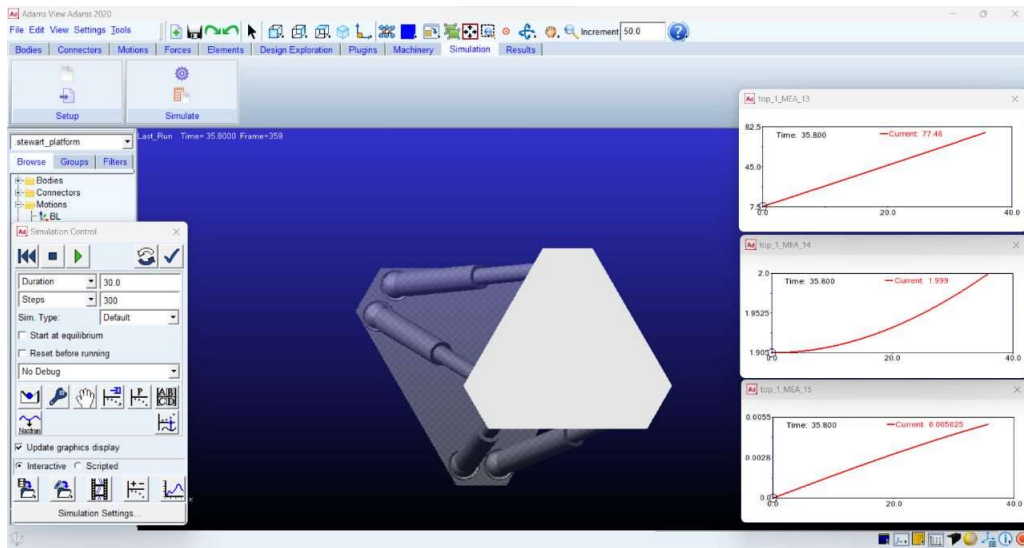


Figure 2.6: Sideways motion graph

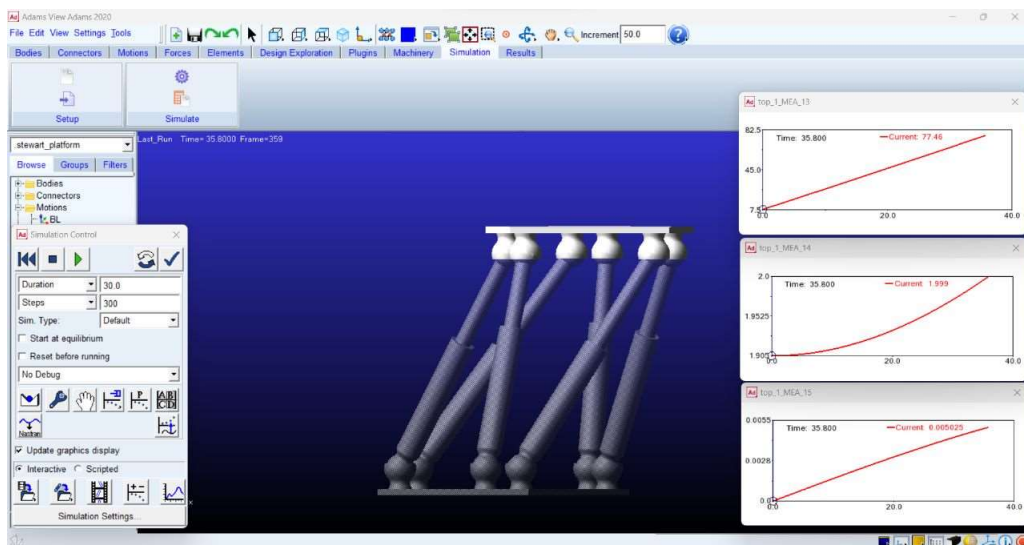


Figure 2.7: Sideway motion 2

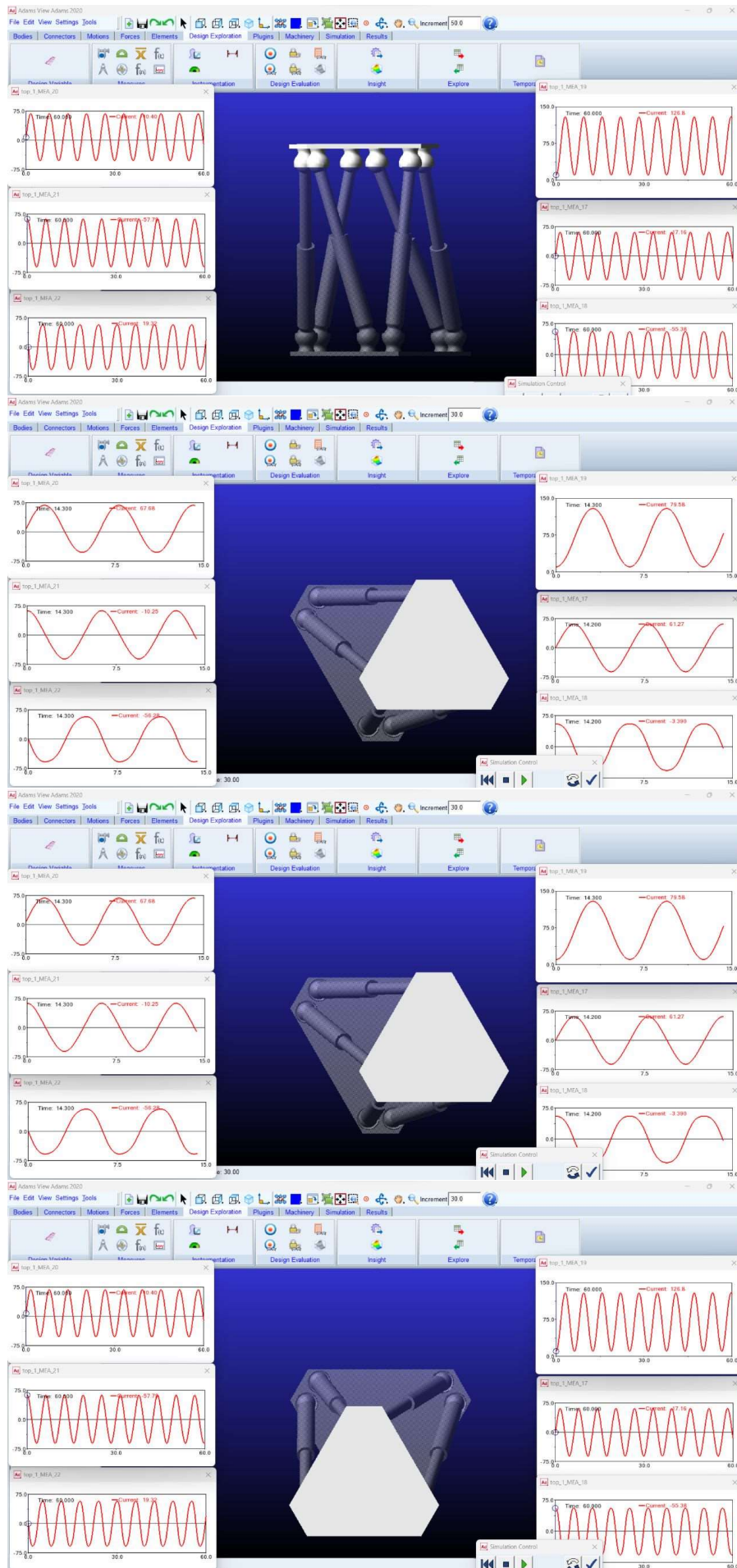


Figure 2.8: Circular motion graphs

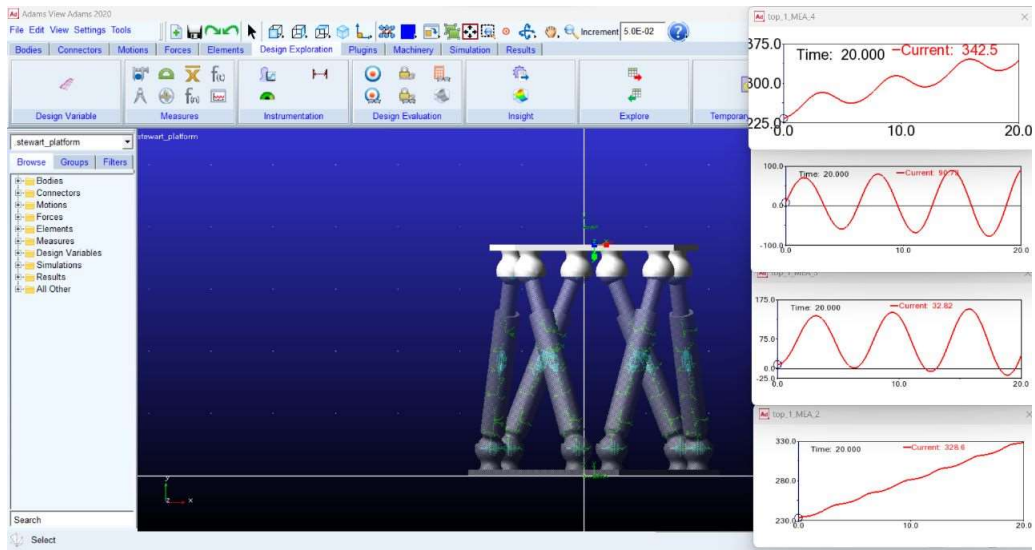


Figure 2.9: helical motion graphs

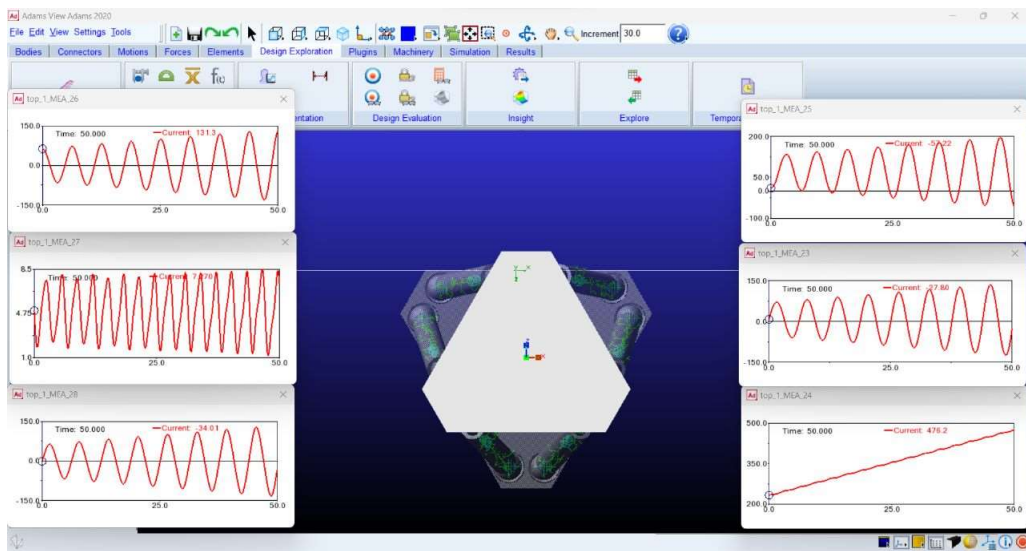


Figure 2.10: taper helical motion graphs2