Movies and their description

All the videos can be found in the following playlist
https://www.youtube.com/playlist?list=PLtTxBVFV1XbjT_6QfNQiG6u82oEBwAo44

1. **Hand held toothpicks in jar**. One toothpick is marked. Videos shows toothpicks advancing during hand shaking. Both Clockise (CW) and CounterClockWise (CCW) are shown. **Movie 1**

2. **Electrically vibrated toothpicks in a jar.** Vertical oscillations induce rotation of toothpicks in the slanted direction. **Movie 2**

3. **A slanted rod in an annular part of a thick hollow cylinder..** Vertical oscillations locomotion of the rod. **Movie 3**

4. **Persistent cyclic motion using speedometer cable. Movie 4**

5. **Results from simulation.** High values of torsional stiffness produces large flight paths. **Movie 5**

6. **Results from simulation.** Low values torsional stiffness produces sliding motion. **Movie 6**