

1 Action Selection

1.1 Methodology

The function of this module is to convert the output of the pattern recognition neurons into an action for the dragonfly to take in order for it to pursue insects in its visual field. The main aspects we needed to consider were:

1. The simulation environment of the dragonfly
2. The embodiment of the dragonfly
3. The actions available to the dragonfly within its environment
4. How to convert the output of the pattern recognition neurons into actions