1 Methods

In this section I will describe the methods that I've been using to evolve multitasking agents. Since most of these methods is build atop other methods, I've decided to start off with a description of the basics. I then use this as a foundation to describe the next methods that is building upon that. This bottom-up approach is then repeated until I've described all the methods used in this project.

1.1 Evolutionary Algorithms

1.1.1 Representation

1.1.2 Evalutation

1.2 NeuroEvolution

1.3 NEAT

1.4 HyperNEAT

1.5 Compositional Pattern Producing Network (CPPN)

1.6 Single Unit Pattern Geneartor (SUPG)