Jonathan Hamm

Evolutionary Computation (CS 4623)

Projects 1,2,3

Graph Bisection Problem (Minimum Bisection)

The goal of this problem is find the minimum cut for a weighted graph, where the cut is a bisection. The problem uses a binary representation for chromosomes, where the set bits indicate one side of the bisection, and the unset bits indicate the other side. Chromosomes must have an equal number of 1’s and 0’s in order to represent a feasible bisection.

My fitness function