

# Project #2b - Genetic Program

## Evolutionary Computation Spring 2014 Due March 14th

This is the second subproject of the GP project. The goal of this subproject is to finish the pieces of the GP for a symbolic regression problem.

For this subproject you will need to complete the GP including the following functionality (in addition to the functions from the previous assignment):

- Add a conditional to the function set of the expression trees.
- Mutation
- Crossover of two trees
- Selection
- Elitism if you are using a generational model

Test the GP to make sure that it is working.

**Project Write-up:** For this subproject you only need a description of the general algorithm: generational or steady-state, how mutation works, the selection mechanism, etc. and a description of any problems so far. Note that the write-up may be fairly short.