

CSCI3405

Lab 1 – basics of Genetic Algorithms

Using Matlab, check the Demo found in the *GAdemo* folder in *mgongora* in your **L:** drive, The *Gas_Demo.m* file is a matlab program for a genetic algorithm that solves a simple simultaneous equation problem:

Check specifically:

- The General execution of the program.
- The Statistics provided after execution.
- Change the parameters (percentages of genetic operators) and check how the performance of the algorithm and its statistics are affected.

➔ Describe in your **portfolio** the effects you noticed when adjusting the operators percentages.

➔ Record your conclusions in your **portfolio**.

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