Herbert Aruya

EECS639 Project

Work Done:

For this project the work I did generally covered the programming side of the project. In summary, this included:

* Implementation of the IVPs (Backward Euler Method, Trapezoid, 4th Order Runge-Kutta and the Predictor-Corrector)
* Generating the test environment for ODE’s and given drivers to run tests
  + Programming said ODE’s
* Running simulation, BE Reaction and Vibrating Spring, on my workspace/computer

Alongside was Pat, who helped this project come to fruition. Not only did he aid in the design of the project, he took lead on part C as he simplified the ODE down to programmable bits while also setting up constants to get a good simulation.