**Evolutionary Computation Assignment 3:***Exercise 2 GSEMO Analyses vs. RLS, (1+1) EA, Designed GA*

* *Purely visual observations*
* *Which algorithm performs strongest*
* *How quick plateaus are reached*
* *Which lag in terms of consistency or speed to reach solution*
* *“premature convergence”? stagnation?*
* *Monotonic/submodular behaviours*
* *Changes in standard deviation? How consistent or stochastic is the convergence to a solution?*
* *any log scaling for better observation?*
* *Trade-offs*

**Multi-Objective Formulation for Monotone Sub-Modular Problems**

**Max Coverage Problem Instances and Trade-Offs:**

F2100, F2101, F2102, F2103

**Max Influence Problem Instances and Trade-Offs:**

F2200, F2201, F2202, F2203

**Pack While Travel Problem Instances and Trade-Offs:**

F2300, F2301, F2302