

Simple GUI for computing Non-dominated points

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May 5, 2015

Overview

1 Introduction

2 GUI structure

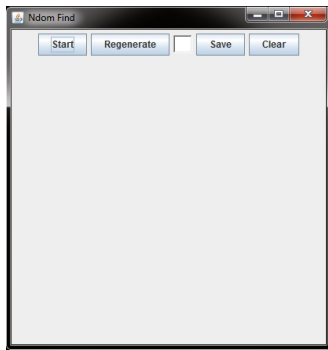
Introduction

- For a fixed point (x, y) , if there exists another point $P(P_x, P_y)$ in which $(P_x > x, P_y > y)$, then point (x, y) is dominated by P . Meanwhile, if we can find a point not dominated by any other existing points. We call this point a non-dominated point.
- Our algorithm is about to find those points in a randomly arranged set.

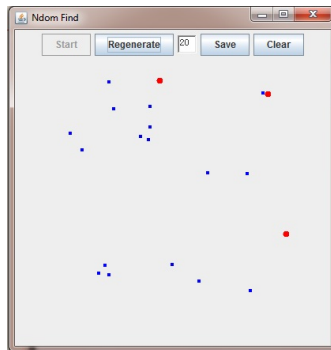
GUI structure

- start,regenerate,save and clear
- number of points to generate
- mouse clicked event

GUI structure



(a) 1



(b) 2

Figure: GUI

Thank you