Scientific Computing

April 4, 2025

Announcements

- > Homework 5 assigned, due Fri Apr 18, 11:59pm
- -> No class Fri Apr 18, Man Apr 21 (Easter Break)
- -> Final Exam will be Take-Home only

Today

-> Simulated Annealing

Office Hours:

Mont Fr

9:30am - 10:30am

Cudahy 307

* Spring Demo continuous

- staying within constraints by re-tweaking

- playing with parameters

* Krapsach Demo - discrete

* Krapsach Demo

(1) Bad tweak function

(2) Constraint penalty

Score > score · (1 - M · excess weight)

capacity

where m can be tuned statically

or dynamically