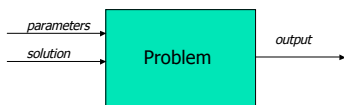


## Checkpoint 2 -- Problem

## What you will be doing

- Providing a formal definition in terms of instance, solution, and output.
- Goals:
  - Practice with formal definition of problems
  - Prepare for the implementation of an EA to solve this problem using your framework

## Formally define the problem



## The assignment

- For your chosen problem provide:
  - A description of the problem
    - Overview -- brief summary of the problem
    - Instance -- the "parameters" of the problem.
    - Solution -- description of solution and approximation of the size of your search space.
    - Output -- value/object on which solution will be judged
  - Implementation plans.
- This will serve as the specification for adapting your framework for solving this problem.

## The assignment

- This means:
  1. You have chosen a partner
  2. You have chosen a problem.

## Questions?




## Ground rules

- To be done in your teams.
- Submission in PDF, Word, or plain text.
  
- Electronic submission via mycourses.



## Submission

- Due Tuesday, January 9th.
  - First week back.
  
- Any trouble, see me sooner rather than later.



## Matchmaker, Matchmaker, make me a match

- Now about those partners...