

Rough Grading Rubric

Spring 2018

In an attempt to make grading for this class a little more consistent and transparent, I am publishing a rough grading rubric to be used on exams and homeworks. This will not be applied exactly, as different problems have difficulties in different places, and we will often want to keep scores at round numbers when possible. Hence this is intended more as a rough guideline for the types of things that will get credit.

Firstly, your solution will be sorted into one of a few categories:

- Relevant Observations: Made basic, relevant observations that are not useful towards finding a solution: $\leq 15\%$ credit.
- Trivial Algorithm: Correct but slow algorithm, each to find: $\leq 25\%$ credit.
- Partial Solution: Made observations that are a substantial part of a full solution: credit varies based on how much of the full solution was obtained.
- Unoptimized Algorithm: Correct algorithm, slower than asked for, but non-trivial to find: credit varies.
- Full Solution: Full solution with a correct proof: 100% credit.

Errors: points can be removed in you have errors in your solution

- Minor errors: Computational mistakes, easily fixed: $\approx -5\%$ credit each.
- Major errors: Missed some case, or proof has some small conceptual hole, not too difficult to fix once pointed out: $\approx -20\%$ each.
- Substantial error: Major gap in argument or wrong approach: Variable, can downgrade solution category.