

MATH F113X: Homework 2b

- Answer the following problems from the Weighted Voting section (p.70):
10, 12, 14, 25, 26, 29*

* For #29, you only need to do the first part of this problem which asks you to construct a weighted voting scheme that has the desired properties. You do not have to calculate the Banzhaf Power Index for it. However, a BPI is provided for those who are curious.

Remember to write up your homework solutions according to the homework writeup guidelines. Confirm your work is correct or fix your errors before you submit it.

Rubric:

2 points: You provided a complete answer, with supporting work, written up clearly

1 point: Some attempt at a solution, but incomplete writeup / unclear / illegible / no answer

1 point: Only an answer, with no supporting work

0 points: Missing.