MATH 3510

| Question: | 1 | 2 | 3 | 4 | Total |
|-----------|----|----|----|----|-------|
| Points: | 15 | 20 | 25 | 10 | 70 |

HW03 grading criteria:

Homework assignments' general grading criteria:

- Gitlab project is not downloadable (not created, not shared with the graders/instructor, or named not as requested): **Opt** for everything that is supposed to go Gitlab
- Project code is not runnable (due to coding errors): **0pt** for the coding part
- Code is not runnable (because not all needed matlab files are uploaded or files are misnamed): **0pt** for both the coding part and the Gitlab part
- Project code runs but produces unneeded printouts: -2pt per occurrence
- Uploaded files other than .m or .md: -3pt per file
- Uploaded not needed matlab files: -3pt per file
- No README.md file: -2pt as well as subtracted points for missing answers
- No or insufficient explanations (regardless whether the answer is provided or is right or wrong); no work shown: **0pt** for the questions without explanation
- Inconsistent collaborators' list: **0pt** to all involved
- Identical work of different students without indication of collaboration: **0pt** to all involved; academic misconduct processing

HW03 grading criteria:

1.

- (a) (5 points)
- (b) (5 points)
- (c) (5 points)

Any meaningful explanations - full credit (per part).

Nothing in README.md: **0pt** for Problem 1.

- 2. (20 points)
 - any printouts: -2pt per case

- copy and paste the function code instead of using the given function: -4pt
- Nothing in README.md: -5pt

3.

- (a) (15 points)
 - Help string is missing: -2pt
 - end statement at the end of the function is missing: -1pt
 - Array is not preallocated: -1pt
 - Unneeded printouts: -2pt
- (b) (10 points)
 - Nothing in README.md: -5pt
 - Unneeded printouts: -2pt

The script should produce a graphs similar to the one shown in Fig. 1.

4. (10 points)



Figure 1: Posible graph in Problem 3