Survey title Midterm Survey for Convex Optimization

No. of questions 30

#### 1. THIS COURSE WAS WELL PLANNED AND ORGANIZED.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 6.6    | 6.67%      | 1          |
| 4   | agree             | 33.33% | 33.33%     | 5          |
| 5   | strongly agree    | 60%    | 60%        | 9          |

#### 2. THE INSTRUCTOR WAS WELL-PREPARED.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           |        | -          | 0          |
| 4   | agree             | 33.33% | 33.33%     | 5          |
| 5   | strongly agree    | 66.67% | 66.67%     | 10         |

#### 3. CLASS TIME WAS USED EFFICIENTLY.

| No. | Question          | Graph | Percentage | Respondent |
|-----|-------------------|-------|------------|------------|
| 1   | strongly disagree |       | -          | 0          |
| 2   | disagree          |       | -          | 0          |
| 3   | neutral           | 6.6   | 6.67%      | 1          |
| 4   | agree             | 40%   | 40%        | 6          |

| No. | Question       | Graph  | Percentage | Respondent |
|-----|----------------|--------|------------|------------|
| 5   | strongly agree | 53.33% | 53.33%     | 8          |

# 4. THE INSTRUCTOR'S PRESENTATIONS AND COURSE CONTENTS WERE SUITABLE FOR THE ONLINE-COURSE PROGRAM.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 6.6    | 6.67%      | 1          |
| 4   | agree             | 33.33% | 33.33%     | 5          |
| 5   | strongly agree    | 60%    | 60%        | 9          |

#### 5. THE COURSE CONTENT WAS ALIGNED WITH THE COURSE OBJECTIVES.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           |        | -          | 0          |
| 4   | agree             | 33.33% | 33.33%     | 5          |
| 5   | strongly agree    | 66.67% | 66.67%     | 10         |

#### 6. THE INSTRUCTOR STIMULATED MY INTEREST IN THE SUBJECT.

| No. | Question          | Graph | Percentage | Respondent |
|-----|-------------------|-------|------------|------------|
| 1   | strongly disagree |       | -          | 0          |
| 2   | disagree          |       | -          | 0          |
| 3   | neutral           | 20%   | 20%        | 3          |

| No. | Question       | Graph  | Percentage | Respondent |
|-----|----------------|--------|------------|------------|
| 4   | agree          | 46.67% | 46.67%     | 7          |
| 5   | strongly agree | 33.33% | 33.33%     | 5          |

# 7. THE INSTRUCTOR ENCOURAGED STUDENTS TO ACTIVELY PARTICIPATE IN THE LECTURES.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 6.6    | 6.67%      | 1          |
| 4   | agree             | 20%    | 20%        | 3          |
| 5   | strongly agree    | 73.33% | 73.33%     | 11         |

# 8. THE COURSE ASSIGNMENTS AND EXAMS CLEARLY EVALUATED MY LEVEL OF UNDERSTANDING OF THE COURSE WORK.

| No. | Question          | Graph  | Percentage | Respondent |  |
|-----|-------------------|--------|------------|------------|--|
| 1   | strongly disagree |        | -          | 0          |  |
| 2   | disagree          |        | -          | 0          |  |
| 3   | neutral           | 13.339 | 13.33%     | 2          |  |
| 4   | agree             | 46.67% | 46.67%     | 7          |  |
| 5   | strongly agree    | 40%    | 40%        | 6          |  |
|     | 기타 의견             |        |            |            |  |

# 9. AS A RESULT OF TAKING THIS COURSE, I HAVE MORE APPRECIATION OF THE FIELD OF STUDY.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 6.6    | 6.67%      | 1          |
| 4   | agree             | 53.33% | 53.33%     | 8          |
| 5   | strongly agree    | 40%    | 40%        | 6          |

# 0. The professor offered adequate opportunities for academic advising and consulting such as office hours.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 6.6    | 6.67%      | 1          |
| 4   | agree             | 26.67% | 26.67%     | 4          |
| 5   | strongly agree    | 66.67% | 66.67%     | 10         |

# 1. The teaching assistant was easily available during the office hour other than the exercise session.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          | 6.6    | 6.67%      | 1          |
| 3   | neutral           | 13.339 | 13.33%     | 2          |
| 4   | agree             | 46.67% | 46.67%     | 7          |
| 5   | strongly agree    | 33.33% | 33.33%     | 5          |

## 2. Was there any difficulty in visiting the instructor at office hours? If yes, why?

| 없음  |
|---|
| 교수님이 생각하시기에 사소한 부분이라 생각이 되어, 혼자서 많이 고민하고 해결하려고 노력하다 보니 방문을 꺼리게 되는 것 같다. |
| 딱히 없음   |
| 어렵게 느끼는 점이 없습니다.  |
| 없음  |
| 없습니다.   |
| 방문 경험이 없어 잘 모르겠습니다.   |
| 없습니다  |
| 없습니다.   |
| X   |
| _   |
| 해당 부분에 대해서 잘 몰라서 어렵습니다.   |
| 없다  |
| no  |

# 3. Meetings with the instructor during office hours were helpful.

| No. | Question          | Graph | Percentage | Respondent |
|-----|-------------------|-------|------------|------------|
| 1   | strongly disagree |       | -          | 0          |
| 2   | disagree          |       | -          | 0          |
| 3   | neutral           | 20%   | 20%        | 3          |
| 4   | agree             | 40%   | 40%        | 6          |
| 5   | strongly agree    | 40%   | 40%        | 6          |

# 4. What should be improved in the teaching assistant's running in the exercise session?

| 없음   |
|--|
| TA session이 있으면 더 좋을 것 같다. 수업시간에 다룬 내용을 자유롭게 논할 수 있는 시간이었으면 좋겠다. 그 시간에 퀴<br>즈를 쳐도 될 것 같고요. |
| 딱히 없음  |
| 없습니다.  |
| 없음   |
| 없습니다.  |
| 과제에서 전체 솔루션을 제공해주면 공부할 때 도움이 되고 좋을 것 같습니다!   |
| 없습니다   |
| 제가 연습지도를 활용하지 않아 의견이 없습니다.   |
| 모든 숙제 문제 풀이  |
| -  |
| 과제의 경우 어떻게 풀어야하는지 답지를 제시해주면 공부하는데 도움이 될것 같습니다.   |
| 없다   |
| •  |
|  |

# 5. In which point was the teaching assistant helpful?

| 피드백이 즉각적이다  |
|---|
| 출석 및 숙제의 디테일한 부분의 처리를 잘 해주었다.                         |
| 어려운 과제 문제에 대한 솔루션 제공                                  |
| 완벽합니다.  |
| 없음  |
| 질문을 드리거나 확인하고 싶은 부분에 대해 말씀드리면 친절히 답해주십니다.             |
| 따로 조교와의 커넥션은 수업에서 없었던것 같아 16~20번 항목은 모두 보통으로 체크하였습니다. |

| 답변이 친절함                            |
|------------------------------------|
| 과제에 관한 문의를 드렸을 때, 빠른 피드백이 제공되었습니다. |
| 친절                                 |
| -                                  |
| assignment 풀이                      |
| 없다                                 |
| 빠르고 친절하게 문제 또는 궁금증을 해결해 주십니다.      |
| no                                 |

# 6. The teaching assistant was easily available during the office hour other than the exercise session.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 26.67% | 26.67%     | 4          |
| 4   | agree             | 40%    | 40%        | 6          |
| 5   | strongly agree    | 33.33% | 33.33%     | 5          |

# 7. The teaching assistant encouraged students to have interests in learning.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 26.67% | 26.67%     | 4          |
| 4   | agree             | 46.67% | 46.67%     | 7          |
| 5   | strongly agree    | 26.67% | 26.67%     | 4          |

#### 8. The teaching assistant responded sincerely to students' questions.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 20%    | 20%        | 3          |
| 4   | agree             | 33.33% | 33.33%     | 5          |
| 5   | strongly agree    | 46.67% | 46.67%     | 7          |

# 9. The teaching assistant well understood the course content and clearly answered to the questions.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 26.67% | 26.67%     | 4          |
| 4   | agree             | 46.67% | 46.67%     | 7          |
| 5   | strongly agree    | 26.67% | 26.67%     | 4          |

## 0. The teaching assistant run the exercise session without any cancellation.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 26.67% | 26.67%     | 4          |
| 4   | agree             | 46.67% | 46.67%     | 7          |
| 5   | strongly agree    | 26.67% | 26.67%     | 4          |

### 1. There was no difficulty in understanding the content in the course taught in English.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree | 6.6    | 6.67%      | 1          |
| 2   | disagree          | 13.339 | 13.33%     | 2          |
| 3   | neutral           | 26.67% | 26.67%     | 4          |
| 4   | agree             | 26.67% | 26.67%     | 4          |
| 5   | strongly agree    | 26.67% | 26.67%     | 4          |

# 2. The class taught in English was helpful in improving my English.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree | 6.6    | 6.67%      | 1          |
| 2   | disagree          | 13.339 | 13.33%     | 2          |
| 3   | neutral           | 20%    | 20%        | 3          |
| 4   | agree             | 46.67% | 46.67%     | 7          |
| 5   | strongly agree    | 13.339 | 13.33%     | 2          |

# 3. The course contents were sufficiently explained in English.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          | 6.6    | 6.67%      | 1          |
| 3   | neutral           | 13.339 | 13.33%     | 2          |
| 4   | agree             | 33.33% | 33.33%     | 5          |
| 5   | strongly agree    | 46.67% | 46.67%     | 7          |

# 4. What are the factors that made you hard to understand the contents? (ex: my English skill, difficult course contents, etc)

나의 영어실력 / 과제가 아니더라도 간단한 example을 풀어볼 수 있으면 좋을 것 같다.

나의 부족한 영어실력으로 인해 수업 시간에 온전히 이해를 못하는 것 같다. 따라서, 다른 강의를 함께 찾아보게 되는 것 같다.

ppt에 가끔 증명이 부족하거나 잘못된 부분이 있음

저의 영어실력이 부족하여 이해하기 힘듭니다.

강의 내용에 대해 처음 배우는지라 빠르게 이해하기가 어려웠습니다. 강의 자료에 대해 말 보단 좀 더 수식적(혹은 예시 등)으로 풀어 주셨으면 좋겠습니다.

#### 나의 영어실력

교수님이 영어를 너무 잘하셔서 저의 영어실력 문제로 가끔 놓칠 때가 있긴 한 것 같습니다..

그리고 수업 내용이 전반적으로 계속해서 이어지는 내용이라서, 앞 부분에 대한 복습이 없으면 수업 내용을 놓치는 경우도 다수 있는 느낌입니다. (이것도 저의 복습 부족 문제인 것 같습니다...)

#### 영어실력

저의 영어 실력이 부족해 강의 내용을 파악하는 데 어려움을 느끼고 있습니다.

수식

수업을 녹화해서 업로드해주신다면 복습을 할 때 많은 도움이 될 것 같습니다.

나의 영어실력, 어려운 수업내용(수식에 대해서 전개과정의 어려움이 있음)

나의 영어 실력

나의 영어실력, 어려운 수업내용

교수님께서 수업 도중 질문을 하시는데, 대부분의 경우 답변하시는 분의 목소리가 들리지 않아 어떤 내용인지 모르고 지나가게 됩니다. 교수님께서 한번더 정리해주시면 좋을 것 같습니다.

#### 5. There was no difficulty in hearing the English lecture.

| No. | Question          | Graph | Percentage | Respondent |
|-----|-------------------|-------|------------|------------|
| 1   | strongly disagree |       | -          | 0          |
| 2   | disagree          | 6.6   | 6.67%      | 1          |

| No. | Question       | Graph  | Percentage | Respondent |
|-----|----------------|--------|------------|------------|
| 3   | neutral        | 20%    | 20%        | 3          |
| 4   | agree          | 66.67% | 66.67%     | 10         |
| 5   | strongly agree | 6.6    | 6.67%      | 1          |

## 6. The English lecture was stressful.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree | 6.6    | 6.67%      | 1          |
| 2   | disagree          | 26.67% | 26.67%     | 4          |
| 3   | neutral           | 26.67% | 26.67%     | 4          |
| 4   | agree             | 20%    | 20%        | 3          |
| 5   | strongly agree    | 20%    | 20%        | 3          |

## 7. The professor's lectures in english were satisfactory overall.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 6.6    | 6.67%      | 1          |
| 4   | agree             | 33.33% | 33.33%     | 5          |
| 5   | strongly agree    | 60%    | 60%        | 9          |

# 8. Have you prepared for and reviewed what is taught in class?

| No. | Question          | Graph | Percentage | Respondent |
|-----|-------------------|-------|------------|------------|
| 1   | strongly disagree |       | -          | 0          |

| No. | Question       | Graph  | Percentage | Respondent |
|-----|----------------|--------|------------|------------|
| 2   | disagree       | 20%    | 20%        | 3          |
| 3   | neutral        | 26.67% | 26.67%     | 4          |
| 4   | agree          | 40%    | 40%        | 6          |
| 5   | strongly agree | 13.339 | 13.33%     | 2          |

## 9. Have you reviewed the lecture note and teaching materials before class?

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree | 13.339 | 13.33%     | 2          |
| 2   | disagree          | 40%    | 40%        | 6          |
| 3   | neutral           | 20%    | 20%        | 3          |
| 4   | agree             |        | -          | 0          |
| 5   | strongly agree    | 26.67% | 26.67%     | 4          |

## 0. OVERALL, THE COURSE WAS EXCELLENT.

| No. | Question          | Graph  | Percentage | Respondent |
|-----|-------------------|--------|------------|------------|
| 1   | strongly disagree |        | -          | 0          |
| 2   | disagree          |        | -          | 0          |
| 3   | neutral           | 6.6    | 6.67%      | 1          |
| 4   | agree             | 40%    | 40%        | 6          |
| 5   | strongly agree    | 53.33% | 53.33%     | 8          |