DD2434 - Machine Learning, Advanced Course
Assignment 2B

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Contents

1   Multidimensional Scaling (MDS) and Isomap

1.1   Question 1

TODO

1.2   Question 2

TODO

1.3   Question 3

TODO

1.4   Question 4

TODO

1.5   Question 5

TODO

2   Success probability in the Johnson-Lindenstrauss lemma

2.1   Question 6

TODO

3   Node similarity for representation learning

3.1   Question 7

TODO

3.2   Question 8

TODO

4   Spectral graph analysis

4.1   Question 9

TODO

4.2   Question 10

TODO

4.3   Question 11

TODO

5 Programming task

5.1 Question 12

TODO

A   Appendix