# Problem 1: TITLE

*Change TITLE to a descriptive problem that you have addressed*

## Input

*What is given? How is it represented? What does it mean? What are the assumptions and constraints?*

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## Objectives

*What do you want to compute?*

## Output

*How exactly will it be represented? How will it be visualized?*

## Validation

*How will it be visualized? How will you know that your solution is correct?*

## Outline of your approach

*High-level intuitive overview: no details, no special cases*

## Results

*When does it work? How well? When does it fail? Why?*

## Details

*Math formulae for constructions (using point vector notation introduced in class, not coordinates!) Pseudocode of the algorithms. List of configurations that need to be distinguished, test for distinguishing them and brief overview of how each is handled.*

## References

*Titles, Authors, and links to web sites or papers that have helped you. Add a short sentence explaining the merit of each.*

## Further research

*What else would you want to try to improve, generalize, or apply your solution.*

# Problem 2: TITLE

## Input

## Objectives

## Output

## Validation

## Outline of your approach

## Results

## Details

## References

## Further research

# References & resources

*List papers, books, courses, software that may be useful.*