

DM559 – Linear and Integer Programming

Answers to the Written Exam, Spring 2016

WRITE-HERE-YOUR-EXAM-NR

Always insert a `\newpage` after every task.

Template for figure inclusion (see latex source):

Template for source code inclusion:

```
import numpy as np
```

Task 1

Subtask 1.a

Task 2

Subtask 2.a

Task 3

Subtask 3.a

Task 4

Subtask 4.a

Task 5

Subtask 5.a

Task 6

Subtask 6.a

Use the template below and replicate it as needed.

1. Node: 2. $b =$ 3. 4. $z_A =$ and $\bar{z}_A =$ 5. $z =$ and $\bar{z} =$ 6. Prune= 7. Open= 8. Status:
1. Node: 2. $b =$ 3. 4. $z_k =$ and $\bar{z}_k =$ 5. $z =$ and $\bar{z} =$ 6. Prune= 7. Open= 8. Status:
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Figure 1:

Task 7

Subtask 7.a

Task 8

Subtask 8.a