DM545 – 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. $\underline{z}_A =$ and $\overline{z}_A =$
5. $\underline{z} =$ and $\overline{z} =$
6. Prune=
7. Open=
8. Status:

---

1. Node:
2. $b =$
3.
4. $\underline{z}_k =$ and $\overline{z}_k =$
5. $\underline{z} =$ and $\overline{z} =$
6. Prune=
7. Open=
8. Status:

---

1. Node:
2. $b =$
3.
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Figure 1:

Task 7

Subtask 7.a

Task 8

Subtask 8.a

Task 9

Subtask 9.a