

Appendix A. Attachments

A.1. Attachments - Example 1

A.1.1. Example 1 - iSOMA

Number of unique solutions: 50

1, 0, 1, 3, 0, 3, 1, 0, 1
1, 0, 1, 2, 0, 2, 1, 0, 1
1, 3, 1, 0, 0, 3, 1, 0, 1
1, 3, 0, 1, 0, 3, 2, 1, 2
0, 3, 0, 1, 1, 3, 0, 1, 0
1, 3, 3, 0, 0, 3, 1, 0, 1
1, 2, 2, 0, 0, 2, 1, 0, 1
0, 2, 2, 1, 0, 1, 2, 1, 2
0, 3, 1, 3, 0, 1, 2, 3, 2
0, 2, 1, 0, 2, 1, 3, 0, 3
0, 3, 1, 3, 1, 0, 2, 3, 2
0, 2, 2, 1, 2, 1, 0, 1, 0
1, 3, 1, 0, 0, 1, 3, 0, 3
0, 3, 3, 1, 0, 1, 3, 1, 3
1, 3, 3, 0, 3, 0, 1, 0, 1
1, 2, 2, 0, 1, 0, 2, 0, 2
0, 1, 0, 2, 0, 1, 2, 1, 2
1, 2, 1, 0, 0, 1, 2, 0, 2
0, 2, 2, 1, 1, 2, 0, 1, 0
1, 0, 1, 2, 1, 0, 2, 0, 2
0, 3, 1, 0, 1, 3, 2, 0, 2
1, 0, 1, 2, 2, 0, 1, 0, 1
1, 0, 1, 3, 3, 0, 1, 0, 1
0, 2, 0, 1, 1, 2, 0, 1, 0
0, 2, 0, 1, 0, 1, 2, 1, 2
1, 2, 1, 0, 1, 0, 2, 0, 2
0, 2, 1, 0, 1, 2, 3, 0, 3
0, 3, 1, 0, 3, 1, 2, 0, 2
0, 1, 0, 3, 0, 1, 3, 1, 3
1, 2, 2, 0, 2, 0, 1, 0, 1
1, 2, 2, 0, 0, 1, 2, 0, 2
1, 3, 0, 3, 0, 1, 2, 3, 2
1, 3, 3, 0, 1, 0, 3, 0, 3
1, 2, 0, 1, 2, 0, 3, 1, 3
1, 2, 0, 2, 1, 0, 3, 2, 3
0, 2, 0, 1, 1, 0, 2, 1, 2
1, 3, 0, 1, 3, 0, 2, 1, 2
0, 3, 3, 1, 1, 0, 3, 1, 3
0, 1, 0, 2, 1, 0, 2, 1, 2
0, 3, 0, 1, 0, 1, 3, 1, 3
0, 3, 3, 1, 3, 1, 0, 1, 0
1, 2, 1, 0, 2, 0, 1, 0, 1
0, 3, 0, 1, 3, 1, 0, 1, 0

1, 2, 1, 0, 0, 2, 1, 0, 1
 1, 3, 0, 3, 1, 0, 2, 3, 2
 1, 0, 1, 2, 0, 1, 2, 0, 2
 1, 2, 0, 1, 0, 2, 3, 1, 3
 1, 3, 1, 0, 3, 0, 1, 0, 1
 1, 3, 1, 0, 1, 0, 3, 0, 3
 0, 2, 2, 1, 1, 0, 2, 1, 2

A.1.2. Example 1 - DE

Number of unique solutions: 51

1, 0, 1, 3, 0, 3, 1, 0, 1
 1, 3, 1, 0, 0, 3, 1, 0, 1
 1, 3, 0, 1, 0, 3, 2, 1, 2
 0, 3, 0, 1, 1, 3, 0, 1, 0
 0, 1, 0, 3, 1, 3, 0, 1, 0
 1, 2, 2, 0, 0, 2, 1, 0, 1
 0, 2, 2, 1, 0, 1, 2, 1, 2
 0, 3, 1, 3, 0, 1, 2, 3, 2
 1, 3, 3, 0, 0, 1, 3, 0, 3
 0, 2, 1, 0, 2, 1, 3, 0, 3
 1, 3, 3, 0, 0, 3, 1, 0, 1
 0, 2, 2, 1, 2, 1, 0, 1, 0
 0, 2, 1, 2, 1, 0, 3, 2, 3
 0, 3, 3, 1, 0, 1, 3, 1, 3
 0, 2, 1, 2, 0, 1, 3, 2, 3
 1, 2, 2, 0, 1, 0, 2, 0, 2
 0, 1, 0, 2, 0, 1, 2, 1, 2
 1, 3, 3, 0, 3, 0, 1, 0, 1
 1, 2, 1, 0, 0, 1, 2, 0, 2
 1, 0, 1, 2, 1, 0, 2, 0, 2
 1, 0, 1, 2, 2, 0, 1, 0, 1
 1, 0, 1, 3, 3, 0, 1, 0, 1
 0, 1, 0, 3, 1, 0, 3, 1, 3
 0, 1, 0, 2, 2, 1, 0, 1, 0
 0, 3, 1, 0, 1, 3, 2, 0, 2
 0, 2, 0, 1, 1, 2, 0, 1, 0
 0, 2, 0, 1, 0, 1, 2, 1, 2
 1, 2, 1, 0, 1, 0, 2, 0, 2
 0, 3, 1, 0, 3, 1, 2, 0, 2
 0, 1, 0, 3, 0, 1, 3, 1, 3
 1, 2, 2, 0, 2, 0, 1, 0, 1
 1, 2, 2, 0, 0, 1, 2, 0, 2
 1, 3, 3, 0, 1, 0, 3, 0, 3
 1, 2, 0, 1, 2, 0, 3, 1, 3
 1, 2, 0, 2, 1, 0, 3, 2, 3
 0, 2, 0, 1, 1, 0, 2, 1, 2
 1, 3, 0, 1, 3, 0, 2, 1, 2
 0, 3, 3, 1, 1, 0, 3, 1, 3
 0, 3, 0, 1, 1, 0, 3, 1, 3

1, 2, 1, 0, 2, 0, 1, 0, 1
 0, 3, 3, 1, 3, 1, 0, 1, 0
 0, 3, 0, 1, 3, 1, 0, 1, 0
 0, 2, 0, 1, 2, 1, 0, 1, 0
 1, 2, 1, 0, 0, 2, 1, 0, 1
 1, 0, 1, 2, 0, 1, 2, 0, 2
 1, 2, 0, 1, 0, 2, 3, 1, 3
 1, 0, 1, 3, 0, 1, 3, 0, 3
 1, 3, 1, 0, 3, 0, 1, 0, 1
 1, 3, 1, 0, 1, 0, 3, 0, 3
 0, 3, 3, 1, 1, 3, 0, 1, 0
 0, 2, 2, 1, 1, 0, 2, 1, 2

A.1.3. Example 1 - PSO

Number of unique solutions: 96

0, 2, 2, 3, 2, 3, 1, 1, 3
 1, 0, 1, 3, 2, 1, 0, 0, 2
 1, 2, 1, 0, 0, 1, 2, 0, 2
 2, 1, 0, 1, 1, 3, 0, 1, 0
 1, 2, 0, 3, 0, 1, 2, 2, 0
 1, 0, 1, 2, 2, 0, 1, 0, 1
 0, 1, 1, 2, 0, 3, 2, 1, 3
 1, 2, 0, 3, 1, 2, 3, 3, 2
 1, 2, 2, 3, 3, 0, 2, 2, 1
 1, 2, 0, 1, 1, 2, 3, 1, 2
 0, 1, 2, 1, 3, 1, 0, 1, 3
 0, 3, 1, 2, 0, 1, 2, 2, 3
 1, 0, 1, 3, 2, 1, 3, 0, 2
 0, 1, 1, 3, 1, 0, 3, 1, 0
 1, 0, 0, 3, 1, 3, 2, 2, 1
 3, 1, 1, 2, 2, 1, 0, 0, 2
 0, 3, 1, 0, 3, 0, 1, 0, 3
 1, 0, 3, 2, 3, 2, 0, 0, 1
 1, 0, 2, 1, 0, 2, 1, 0, 1
 1, 2, 2, 3, 2, 1, 0, 0, 2
 2, 1, 0, 1, 3, 1, 0, 1, 2
 2, 1, 0, 1, 3, 0, 2, 1, 2
 1, 2, 0, 2, 2, 0, 1, 2, 0
 0, 1, 1, 3, 2, 1, 3, 1, 2
 2, 0, 1, 2, 2, 0, 3, 0, 3
 2, 1, 0, 2, 2, 0, 1, 1, 2
 2, 3, 1, 2, 2, 0, 3, 1, 3
 1, 3, 0, 1, 2, 0, 1, 1, 2
 3, 2, 3, 0, 1, 0, 2, 0, 2
 3, 1, 1, 2, 0, 1, 2, 2, 1
 1, 2, 2, 0, 0, 3, 2, 0, 1
 2, 3, 2, 1, 2, 0, 3, 1, 2
 0, 3, 1, 3, 3, 2, 1, 3, 2
 0, 1, 2, 0, 1, 3, 2, 1, 0

1, 0, 3, 0, 0, 2, 1, 0, 1
 2, 0, 1, 0, 2, 1, 0, 0, 2
 1, 2, 2, 1, 0, 2, 3, 2, 3
 0, 1, 0, 2, 1, 2, 3, 1, 2
 1, 0, 1, 2, 1, 3, 2, 0, 2
 0, 1, 3, 1, 0, 3, 1, 1, 2
 0, 2, 1, 3, 2, 0, 1, 1, 2
 1, 3, 3, 0, 2, 0, 1, 0, 1
 0, 2, 1, 2, 3, 2, 1, 2, 3
 0, 1, 1, 2, 1, 3, 0, 2, 0
 1, 3, 1, 2, 3, 1, 2, 0, 2
 3, 2, 1, 0, 1, 3, 2, 0, 3
 0, 1, 2, 1, 1, 0, 2, 1, 3
 0, 2, 2, 3, 3, 2, 1, 1, 2
 2, 1, 0, 1, 2, 0, 1, 1, 2
 1, 0, 1, 3, 1, 2, 3, 0, 2
 1, 2, 0, 2, 1, 3, 2, 2, 1
 2, 3, 1, 2, 3, 2, 1, 2, 2
 0, 1, 2, 0, 3, 2, 1, 1, 2
 0, 2, 3, 1, 0, 2, 1, 1, 0
 3, 2, 3, 0, 3, 2, 0, 1, 0
 2, 1, 0, 1, 2, 1, 0, 1, 0
 0, 1, 1, 0, 3, 2, 1, 1, 0
 0, 3, 1, 0, 3, 1, 2, 0, 2
 1, 2, 3, 2, 0, 1, 2, 2, 2
 1, 2, 3, 2, 2, 1, 3, 1, 0
 1, 2, 2, 3, 1, 0, 2, 2, 1
 1, 2, 1, 2, 0, 1, 2, 1, 2
 3, 1, 0, 2, 3, 1, 2, 0, 2
 0, 2, 1, 2, 0, 3, 1, 2, 0
 0, 1, 0, 2, 2, 3, 1, 1, 0
 0, 1, 3, 1, 3, 0, 2, 1, 3
 1, 2, 3, 0, 0, 1, 3, 1, 3
 0, 1, 0, 2, 1, 2, 0, 1, 0
 3, 1, 2, 1, 1, 0, 3, 2, 3
 1, 0, 1, 2, 1, 2, 3, 0, 1
 0, 3, 0, 1, 2, 0, 3, 1, 2
 1, 2, 2, 0, 1, 0, 2, 0, 1
 1, 2, 0, 3, 1, 0, 3, 3, 1
 0, 3, 1, 3, 1, 0, 2, 3, 1
 1, 0, 2, 0, 1, 2, 3, 0, 1
 2, 3, 1, 0, 1, 3, 2, 0, 1
 2, 3, 1, 2, 1, 2, 0, 0, 1
 1, 0, 0, 2, 0, 2, 1, 2, 3
 1, 2, 2, 0, 3, 2, 1, 0, 2
 3, 1, 1, 0, 2, 1, 3, 0, 2
 2, 1, 1, 2, 3, 1, 2, 3, 3
 0, 1, 2, 3, 3, 0, 1, 1, 3
 3, 0, 0, 1, 2, 3, 1, 1, 0
 1, 0, 2, 1, 2, 3, 1, 0, 2

1, 2, 0, 2, 1, 3, 0, 2, 1
 0, 2, 1, 2, 3, 2, 0, 2, 1
 0, 1, 2, 1, 1, 2, 0, 1, 3
 0, 1, 0, 2, 2, 1, 0, 1, 2
 2, 3, 3, 0, 0, 1, 2, 1, 2
 1, 0, 2, 0, 2, 1, 3, 0, 3
 0, 1, 2, 1, 0, 3, 1, 1, 2
 0, 1, 3, 0, 3, 2, 1, 1, 0
 1, 0, 1, 2, 0, 1, 2, 0, 2
 2, 1, 1, 0, 1, 3, 2, 0, 1
 1, 0, 3, 1, 3, 2, 0, 0, 1
 0, 2, 0, 1, 3, 2, 1, 1, 2

A.1.4. Example 1 - GWO

Number of unique solutions: 41

1, 0, 1, 2, 0, 2, 1, 0, 1
 1, 3, 0, 1, 0, 3, 2, 1, 2
 0, 1, 0, 3, 1, 3, 0, 1, 0
 1, 2, 2, 0, 0, 2, 1, 0, 1
 0, 2, 2, 1, 0, 1, 2, 1, 2
 0, 2, 1, 0, 2, 1, 3, 0, 3
 0, 3, 1, 3, 1, 0, 2, 3, 2
 0, 2, 2, 1, 2, 1, 0, 1, 0
 1, 0, 1, 3, 1, 0, 3, 0, 3
 1, 2, 2, 0, 1, 0, 2, 0, 2
 1, 2, 1, 0, 0, 1, 2, 0, 2
 0, 1, 0, 2, 0, 1, 2, 1, 2
 1, 2, 0, 2, 0, 1, 3, 2, 3
 0, 2, 2, 1, 1, 2, 0, 1, 0
 0, 2, 1, 2, 0, 1, 3, 2, 3
 1, 0, 1, 2, 1, 0, 2, 0, 2
 1, 0, 1, 2, 2, 0, 1, 0, 1
 1, 0, 1, 3, 3, 0, 1, 0, 1
 0, 1, 0, 3, 1, 0, 3, 1, 3
 0, 1, 0, 2, 2, 1, 0, 1, 0
 0, 3, 1, 0, 1, 3, 2, 0, 2
 0, 2, 0, 1, 1, 2, 0, 1, 0
 0, 2, 0, 1, 0, 1, 2, 1, 2
 1, 2, 1, 0, 1, 0, 2, 0, 2
 0, 2, 1, 0, 1, 2, 3, 0, 3
 1, 2, 2, 0, 2, 0, 1, 0, 1
 1, 2, 2, 0, 0, 1, 2, 0, 2
 1, 3, 0, 3, 0, 1, 2, 3, 2
 1, 2, 0, 1, 2, 0, 3, 1, 3
 1, 2, 0, 2, 1, 0, 3, 2, 3
 1, 3, 0, 1, 3, 0, 2, 1, 2
 0, 1, 0, 2, 1, 0, 2, 1, 2
 0, 1, 0, 3, 3, 1, 0, 1, 0

0, 1, 0, 2, 1, 2, 0, 1, 0
 1, 2, 1, 0, 2, 0, 1, 0, 1
 0, 3, 3, 1, 3, 1, 0, 1, 0
 0, 3, 0, 1, 3, 1, 0, 1, 0
 1, 2, 1, 0, 0, 2, 1, 0, 1
 1, 2, 0, 1, 0, 2, 3, 1, 3
 0, 3, 3, 1, 1, 3, 0, 1, 0
 0, 2, 2, 1, 1, 0, 2, 1, 2

A.1.5. Example 1 - ACO

Number of unique solutions: 3

2, 0, 2, 0, 1, 0, 2, 0, 2
 2, 0, 2, 0, 1, 0, 2, 1, 2
 2, 0, 2, 0, 1, 0, 2, 0, 0

A.2. Attachments - Example 2

A.2.1. Example 2 - iSOMA

Number of unique solutions: 4

1, 2, 0, 2, 0, 1, 3
 1, 2, 0, 2, 1, 0, 3
 0, 2, 1, 2, 0, 1, 3
 0, 2, 1, 2, 1, 0, 3

A.2.2. Example 2 - DE

Number of unique solutions: 4

1, 2, 0, 2, 0, 1, 3
 1, 2, 0, 2, 1, 0, 3
 0, 2, 1, 2, 0, 1, 3
 0, 2, 1, 2, 1, 0, 3

A.2.3. Example 2 - PSO

Number of unique solutions: 84

2, 0, 3, 0, 0, 1, 3
 1, 3, 0, 2, 1, 3, 2
 1, 2, 0, 2, 3, 0, 1
 3, 1, 0, 2, 1, 0, 2
 0, 2, 1, 2, 0, 3, 2
 1, 0, 0, 2, 3, 0, 1
 1, 0, 2, 0, 0, 1, 2
 2, 0, 0, 2, 0, 1, 2
 2, 1, 0, 1, 1, 0, 2
 0, 1, 1, 2, 3, 2, 0
 0, 3, 2, 3, 2, 0, 3
 2, 1, 1, 2, 1, 0, 2
 1, 3, 3, 2, 0, 1, 2

1, 0, 3, 2, 0, 1, 2
 1, 0, 0, 2, 3, 0, 2
 2, 3, 0, 2, 2, 1, 3
 0, 2, 0, 2, 0, 1, 3
 3, 1, 2, 0, 1, 0, 3
 0, 2, 3, 1, 1, 2, 3
 0, 2, 1, 2, 0, 3, 1
 1, 2, 2, 1, 0, 2, 3
 1, 2, 0, 2, 1, 2, 0
 1, 0, 0, 2, 2, 3, 0
 1, 2, 3, 2, 2, 3, 1
 1, 2, 3, 1, 0, 1, 3
 0, 1, 1, 2, 1, 2, 0
 0, 1, 1, 2, 0, 2, 1
 3, 2, 1, 0, 0, 1, 2
 2, 0, 0, 2, 1, 2, 3
 2, 3, 3, 0, 2, 3, 0
 1, 2, 0, 2, 3, 0, 2
 1, 2, 0, 2, 0, 3, 1
 0, 1, 1, 2, 2, 3, 0
 0, 1, 1, 2, 1, 0, 2
 0, 1, 1, 2, 2, 1, 0
 3, 2, 3, 1, 0, 1, 3
 3, 2, 0, 2, 2, 1, 3
 1, 2, 0, 2, 3, 2, 0
 1, 2, 1, 2, 1, 0, 3
 0, 1, 1, 2, 1, 3, 2
 2, 3, 1, 2, 0, 2, 3
 0, 1, 1, 2, 2, 3, 1
 1, 2, 0, 2, 0, 1, 2
 2, 3, 1, 2, 2, 0, 3
 1, 2, 0, 2, 1, 3, 2
 1, 2, 0, 1, 1, 0, 2
 0, 2, 1, 2, 2, 3, 1
 1, 3, 3, 0, 0, 1, 2
 1, 2, 1, 3, 1, 0, 2
 1, 2, 3, 0, 0, 2, 3
 0, 2, 1, 2, 3, 0, 2
 0, 1, 1, 2, 3, 0, 2
 1, 2, 0, 2, 0, 3, 2
 2, 3, 1, 2, 1, 0, 2
 0, 1, 1, 2, 3, 1, 2
 1, 0, 2, 3, 0, 1, 2
 0, 2, 1, 2, 3, 2, 1
 0, 1, 1, 2, 3, 2, 1
 2, 3, 0, 2, 1, 0, 2
 3, 1, 1, 2, 1, 0, 2
 3, 1, 0, 1, 1, 0, 2
 1, 2, 0, 2, 2, 0, 1
 1, 3, 1, 3, 1, 0, 3

1, 2, 3, 1, 2, 0, 3
 0, 2, 1, 2, 1, 2, 3
 0, 2, 2, 3, 3, 1, 2
 0, 1, 1, 2, 0, 3, 2
 1, 2, 3, 1, 1, 0, 3
 1, 3, 0, 2, 3, 1, 2
 1, 2, 0, 2, 3, 1, 2
 1, 2, 0, 3, 3, 0, 2
 1, 2, 0, 2, 0, 2, 1
 1, 2, 0, 2, 2, 3, 1
 1, 0, 0, 2, 2, 0, 1
 1, 0, 0, 2, 0, 2, 1
 0, 2, 1, 2, 1, 2, 0
 2, 3, 0, 2, 1, 0, 3
 1, 0, 0, 2, 0, 3, 1
 1, 0, 0, 2, 3, 2, 1
 1, 2, 0, 2, 1, 0, 3
 0, 2, 1, 0, 0, 1, 2
 0, 2, 1, 2, 2, 3, 0
 0, 3, 3, 1, 0, 1, 2
 2, 1, 2, 0, 1, 0, 3

A.2.4. Example 2 - GWO

Number of unique solutions: 7

0, 2, 1, 2, 3, 1, 2
 1, 2, 0, 2, 0, 1, 3
 1, 2, 0, 2, 1, 0, 3
 1, 0, 0, 2, 1, 3, 2
 0, 2, 1, 2, 1, 0, 3
 0, 2, 1, 2, 0, 1, 3
 1, 0, 0, 2, 0, 3, 1

A.2.5. Example 2 - ACO

Number of unique solutions: 1

0, 1, 1, 0, 0, 2, 1

A.3. Attachments - Example 3

A.3.1. Example 3 - iSOMA

Number of unique solutions: 4

1, 4, 0, 4, 0, 1, 5
 0, 4, 1, 4, 0, 1, 5
 1, 4, 0, 4, 1, 0, 5
 0, 4, 1, 4, 1, 0, 5

A.3.2. Example 3 - DE

Number of unique solutions: 4

1, 4, 0, 4, 0, 1, 5
0, 4, 1, 4, 0, 1, 5
1, 4, 0, 4, 1, 0, 5
0, 4, 1, 4, 1, 0, 5

A.3.3. Example 3 - PSO

Number of unique solutions: 99

2, 3, 1, 2, 0, 2, 5
2, 3, 5, 4, 1, 3, 5
0, 4, 1, 2, 2, 1, 4
4, 1, 4, 2, 3, 2, 5
0, 4, 1, 4, 2, 1, 5
1, 4, 4, 1, 3, 1, 5
1, 4, 5, 4, 0, 1, 5
4, 5, 4, 3, 1, 0, 5
0, 4, 1, 4, 3, 0, 1
4, 2, 4, 0, 0, 2, 5
3, 5, 5, 2, 3, 1, 5
0, 3, 1, 4, 0, 1, 4
1, 2, 0, 2, 1, 2, 4
0, 3, 3, 2, 1, 0, 5
1, 4, 0, 4, 1, 2, 4
1, 4, 0, 4, 4, 3, 2
0, 2, 2, 4, 0, 1, 5
0, 3, 3, 1, 4, 1, 2
0, 2, 1, 0, 0, 1, 4
1, 0, 0, 4, 2, 3, 1
3, 4, 3, 0, 2, 4, 3
1, 0, 1, 2, 0, 2, 4
3, 2, 0, 5, 5, 4, 2
1, 4, 3, 2, 3, 2, 1
0, 4, 1, 4, 1, 3, 2
3, 1, 1, 4, 3, 0, 4
0, 2, 2, 3, 2, 1, 5
4, 2, 2, 3, 0, 1, 5
1, 4, 2, 4, 4, 0, 5
4, 5, 0, 2, 3, 5, 1
1, 2, 5, 4, 5, 2, 3
4, 2, 3, 0, 2, 4, 1
4, 5, 5, 1, 0, 2, 4
1, 4, 0, 5, 5, 1, 4
1, 0, 0, 4, 0, 1, 2
1, 3, 3, 5, 4, 0, 5
2, 1, 2, 4, 4, 5, 2
5, 2, 1, 4, 1, 0, 4
3, 1, 4, 2, 5, 3, 2
2, 5, 1, 2, 2, 5, 3
1, 3, 3, 1, 3, 0, 5
4, 2, 2, 1, 1, 3, 5

5, 2, 4, 3, 1, 0, 5
 5, 2, 4, 1, 0, 3, 1
 1, 5, 2, 3, 5, 0, 1
 0, 2, 2, 1, 2, 1, 4
 4, 2, 1, 2, 1, 0, 5
 5, 3, 3, 1, 1, 0, 5
 1, 2, 2, 4, 2, 0, 5
 1, 0, 0, 4, 1, 2, 5
 0, 2, 4, 5, 1, 2, 5
 4, 1, 3, 2, 1, 4, 0
 5, 4, 3, 5, 3, 2, 4
 1, 4, 1, 2, 4, 0, 5
 0, 1, 1, 4, 2, 5, 4
 1, 0, 0, 4, 3, 1, 2
 4, 2, 2, 3, 2, 4, 5
 4, 2, 3, 4, 2, 5, 0
 3, 4, 4, 5, 2, 1, 3
 0, 2, 2, 1, 5, 4, 1
 1, 5, 4, 3, 4, 5, 3
 1, 0, 0, 4, 3, 5, 0
 1, 2, 4, 2, 0, 1, 5
 1, 2, 5, 2, 1, 0, 5
 3, 2, 0, 1, 1, 0, 4
 4, 1, 1, 2, 0, 1, 5
 0, 1, 1, 0, 0, 1, 2
 1, 4, 0, 2, 1, 2, 4
 2, 0, 3, 0, 1, 2, 3
 0, 1, 1, 4, 4, 0, 1
 2, 4, 1, 3, 3, 1, 5
 5, 1, 3, 2, 2, 1, 3
 2, 5, 1, 4, 1, 0, 4
 0, 3, 0, 2, 1, 3, 5
 3, 4, 3, 2, 1, 5, 3
 1, 3, 4, 3, 0, 1, 5
 4, 3, 1, 3, 2, 3, 5
 5, 1, 5, 3, 3, 1, 4
 1, 0, 0, 4, 4, 3, 5
 4, 2, 1, 2, 0, 2, 5
 2, 5, 4, 1, 4, 5, 2
 0, 4, 1, 4, 3, 2, 4
 4, 3, 1, 4, 0, 1, 4
 2, 3, 0, 4, 1, 4, 5
 1, 4, 0, 4, 0, 5, 4
 2, 1, 4, 0, 5, 3, 2
 2, 5, 3, 2, 1, 0, 5
 2, 4, 0, 2, 0, 1, 5
 1, 0, 0, 4, 1, 4, 3
 1, 4, 0, 4, 0, 1, 3
 2, 5, 0, 2, 2, 1, 5
 0, 5, 5, 4, 0, 1, 4

1, 4, 0, 4, 3, 0, 4
 2, 5, 2, 1, 0, 1, 5
 0, 3, 1, 3, 1, 3, 4
 1, 2, 2, 5, 5, 2, 0
 0, 2, 1, 0, 0, 2, 4
 3, 4, 0, 4, 3, 4, 0
 1, 2, 0, 2, 1, 5, 3

A.3.4. Example 3 - GWO

Number of unique solutions: 35

0, 1, 1, 4, 0, 3, 5
 0, 1, 1, 4, 0, 4, 1
 0, 1, 1, 3, 3, 1, 4
 0, 4, 1, 2, 2, 1, 4
 0, 1, 1, 4, 0, 2, 5
 0, 1, 1, 4, 2, 5, 1
 0, 1, 1, 4, 1, 2, 0
 0, 1, 1, 4, 1, 2, 5
 0, 1, 1, 4, 1, 4, 2
 1, 4, 0, 4, 0, 1, 5
 0, 1, 1, 2, 2, 1, 4
 0, 1, 1, 4, 2, 1, 3
 3, 2, 3, 1, 1, 0, 5
 0, 1, 1, 4, 1, 2, 3
 0, 4, 1, 2, 1, 2, 4
 1, 0, 0, 4, 1, 0, 3
 1, 0, 0, 4, 2, 5, 1
 0, 1, 1, 4, 1, 0, 3
 1, 0, 0, 4, 2, 3, 0
 0, 1, 1, 4, 4, 1, 3
 0, 1, 1, 4, 2, 1, 5
 1, 0, 0, 3, 0, 3, 4
 1, 4, 0, 4, 1, 0, 5
 1, 0, 0, 4, 1, 0, 2
 0, 4, 1, 4, 1, 0, 5
 2, 3, 5, 0, 0, 1, 5
 0, 1, 1, 4, 2, 0, 4
 0, 4, 1, 4, 0, 1, 5
 1, 0, 0, 4, 3, 4, 1
 1, 0, 0, 4, 2, 4, 3
 1, 4, 0, 1, 1, 0, 4
 1, 0, 0, 2, 0, 2, 4
 5, 3, 3, 0, 1, 0, 5
 1, 0, 0, 4, 2, 1, 0
 1, 4, 0, 4, 3, 5, 4

A.3.5. Example 3 - ACO

Number of unique solutions: 4

2, 1, 0, 2, 0, 4, 2
2, 1, 0, 2, 1, 3, 2
2, 1, 3, 2, 0, 4, 2
4, 1, 0, 2, 0, 4, 2