

TDT4136 - Assignment 5

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October 3, 2014

Solving Constraint Satisfaction Problems

Solved boards

Figure 1: Easy

8	5	9	6	3	2	7	1	4
1	2	6	7	4	9	5	3	8
7	3	4	1	8	5	6	9	2
6	7	5	8	2	1	3	4	9
9	4	2	5	6	3	1	8	7
3	1	8	9	7	4	2	5	6
2	9	3	4	1	7	8	6	5
5	8	1	2	9	6	4	7	3
4	6	7	3	5	8	9	2	1

Figure 2: Medium 1-2

6	4	9	5	8	7	2	1	3
3	8	7	2	4	1	9	6	5
5	2	1	9	6	3	4	7	8
9	1	3	7	2	5	8	4	6
2	6	8	1	9	4	5	3	7
7	5	4	6	3	8	1	2	9
1	9	2	3	5	6	7	8	4
4	7	6	8	1	9	3	5	2
8	3	5	4	7	2	6	9	1

Figure 3: Hard 1-3

8	1	5	7	4	2	3	9	6
9	3	7	1	6	8	5	4	2
2	4	6	5	3	9	1	7	8
3	8	4	6	5	7	2	1	9
5	7	9	2	1	4	8	6	3
1	6	2	9	8	3	4	5	7
7	5	3	4	2	6	9	8	1
6	2	1	8	9	5	7	3	4
4	9	8	3	7	1	6	2	5

Figure 4: Very hard 1-4

6	4	9	5	8	7	2	1	3
3	8	7	2	4	1	9	6	5
5	2	1	9	6	3	4	7	8
9	1	3	7	2	5	8	4	6
2	6	8	1	9	4	5	3	7
7	5	4	6	3	8	1	2	9
1	9	2	3	5	6	7	8	4
4	7	6	8	1	9	3	5	2
8	3	5	4	7	2	6	9	1

Something

Something