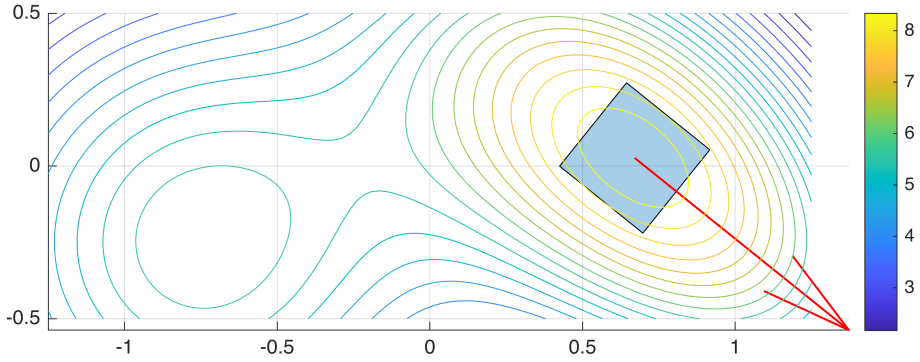
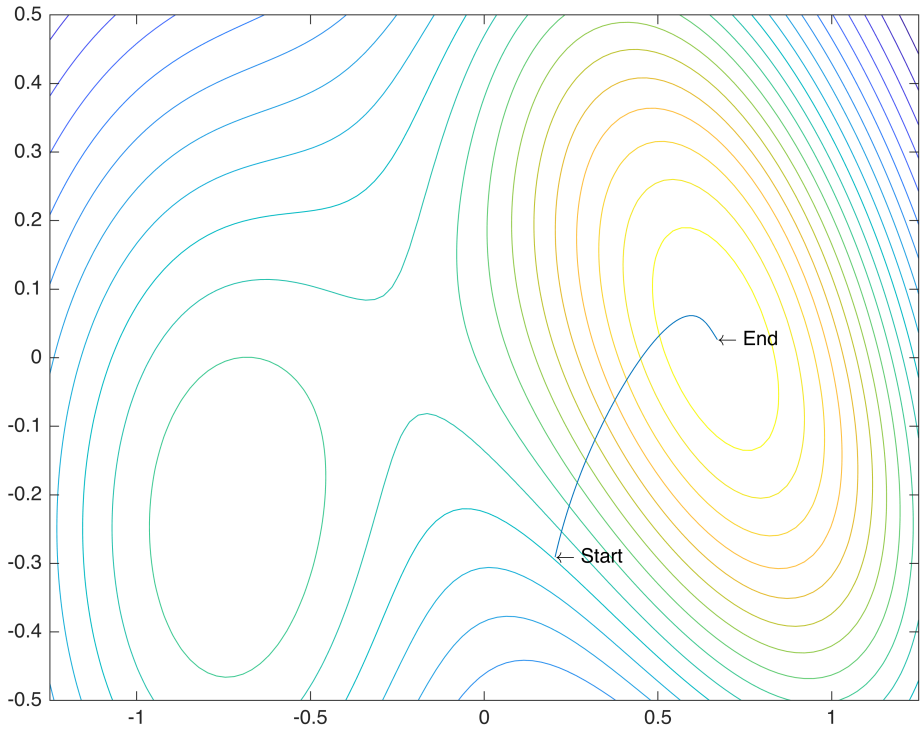
```
use_sim = true;
position = [0.2; -0.3];
heading = [0; 1];
gradient_ascent(use_sim, position, heading)
```

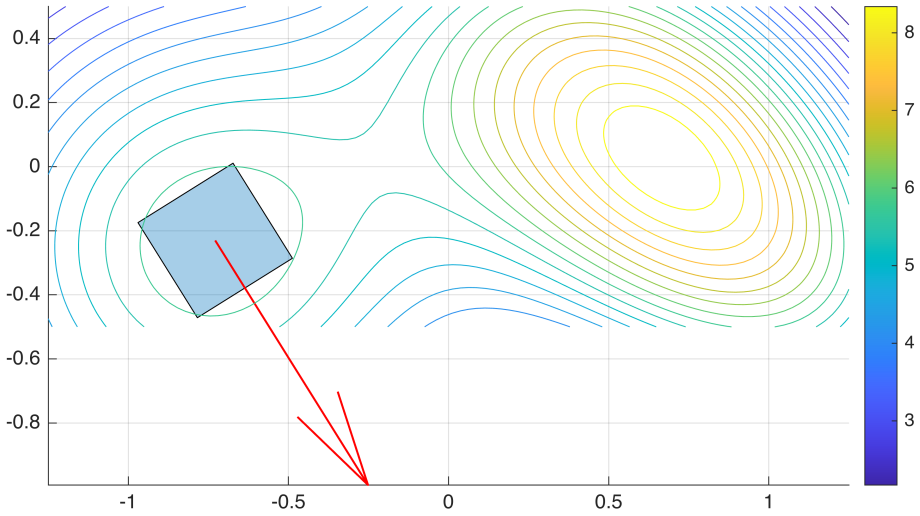
```
Deleting previous Neato connection.
Connecting to the Neato.
```

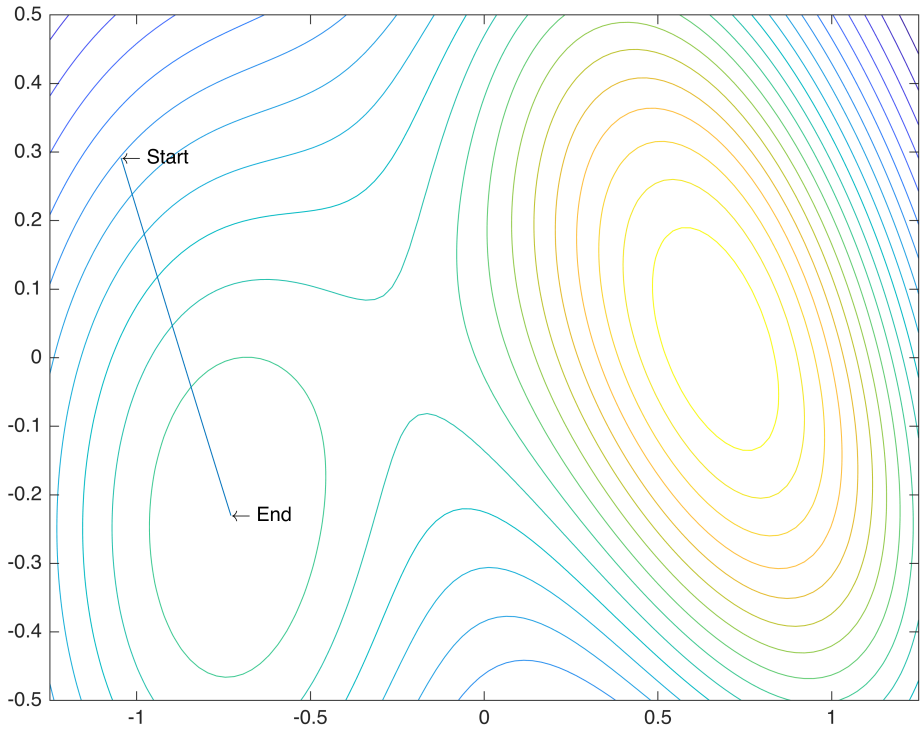





```
position = [-1.05; 0.3];
heading = [1; -1];
gradient_ascent(use_sim, position, heading)
```

```
Deleting previous Neato connection.
Connecting to the Neato.
```


0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
-0.5
0
0.5
1
8
7
6
5
4
3


0.5
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
-0.5
-1
-0.5
0
0.5
1
Start
End