Final report

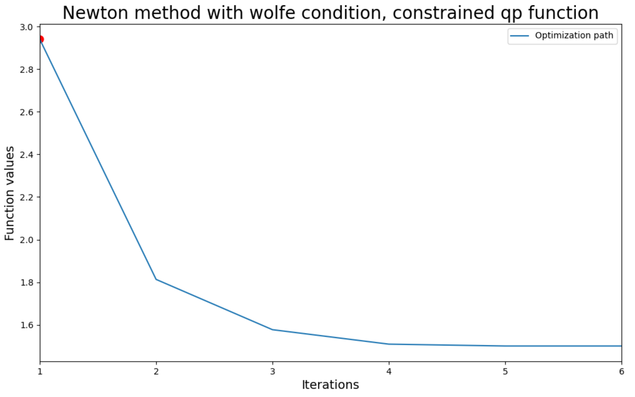
In [4]:
```
from IPython.display import Image
path = '/Users/yamdaniel/Documents/Computer Science - ML/First Year/Semester_B/Numerical Optimization With Python/HW/HW2-Programming/Plots/'
```

Function qp

Outer iteration number 4:
Function location is: [0.49950248, 0.49950248, 0.00099504]
Function value is: 1.5009965227915731
Proces status: Achieved numeric tolerance for successful termination

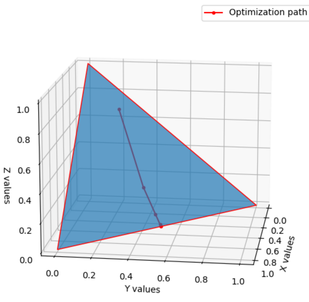
In [5]:
```
Image(f'{path}1D-QP.png')
```

Out[5]:



In [7]:
```
Image(f'{path}3D-QP.png')
```

Out[7]:

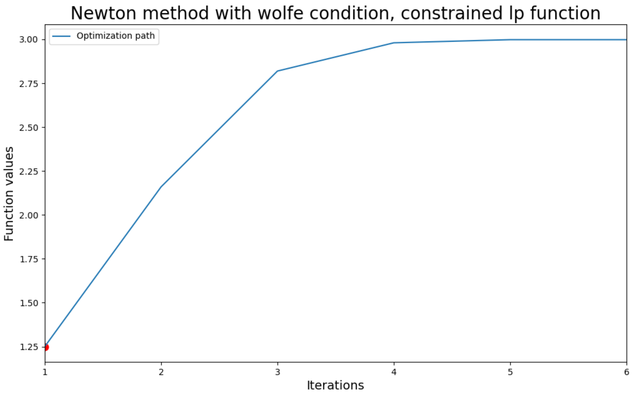


Function lp

Outer iteration number 4:
Function location is: [1.9990005, 0.9990015]
Function value is: 2.9980019995445364
Proces status: Achieved numeric tolerance for successful termination

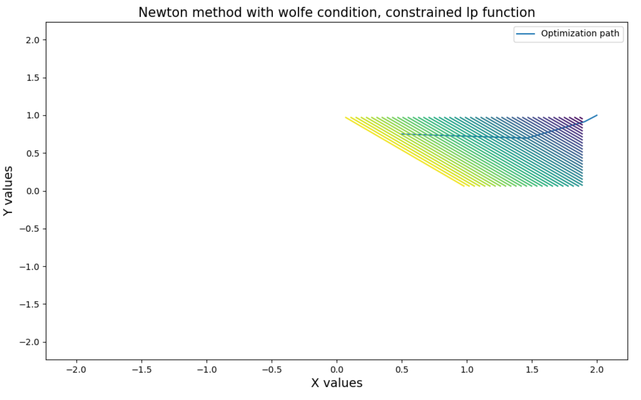
In [8]:
```
Image(f'{path}1D-LP.png')
```

Out[8]:



In [9]:
```
Image(f'{path}2D-LP.png')
```

Out[9]:



In [10]:
```
Image(f'{path}3D-LP.png')
```

Out[10]: