Home assignment 3

Numerical Optimization and its Applications - Spring 2019
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1 Equality constrained optimization

(a) t

```python
print("Abale")

Abale
```

(b) t

```python
print("Abale")
```

2 General constrained optimization

(a)

(b)

(c)

3 Box-constrained optimization

(a)

(b)

(c)

(d)

4 Projected Gradient Descent for the LASSO regression

(a)

(b)

(c)

(d) (non-mandatory)

(e) (non-mandatory)