

# Grafico medie temporali avoid avoidable

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```
In [24]: %matplotlib inline
```

```
In [25]: import matplotlib.pyplot as plt
```

```
data = []
with open('/home/nicole/P1.2_seed_old/D3-exercise/loop_optimization/risultati.txt') as f:
    for line in datafile:
        data.append(float(line))
```

```
In [26]: data
```

```
Out[26]: [3.97250533333,
          3.48553183333,
          2.95104875,
          2.11370575,
          1.01271191667,
          1.172665,
          0.955033083333]
```

```
In [27]: plt.xlabel('Optimization step')
plt.ylabel('Mean time')
plt.plot(data)
plt.plot(data, 'o')
plt.show()
```

