

## plot\_N\_vs\_error

October 14, 2023

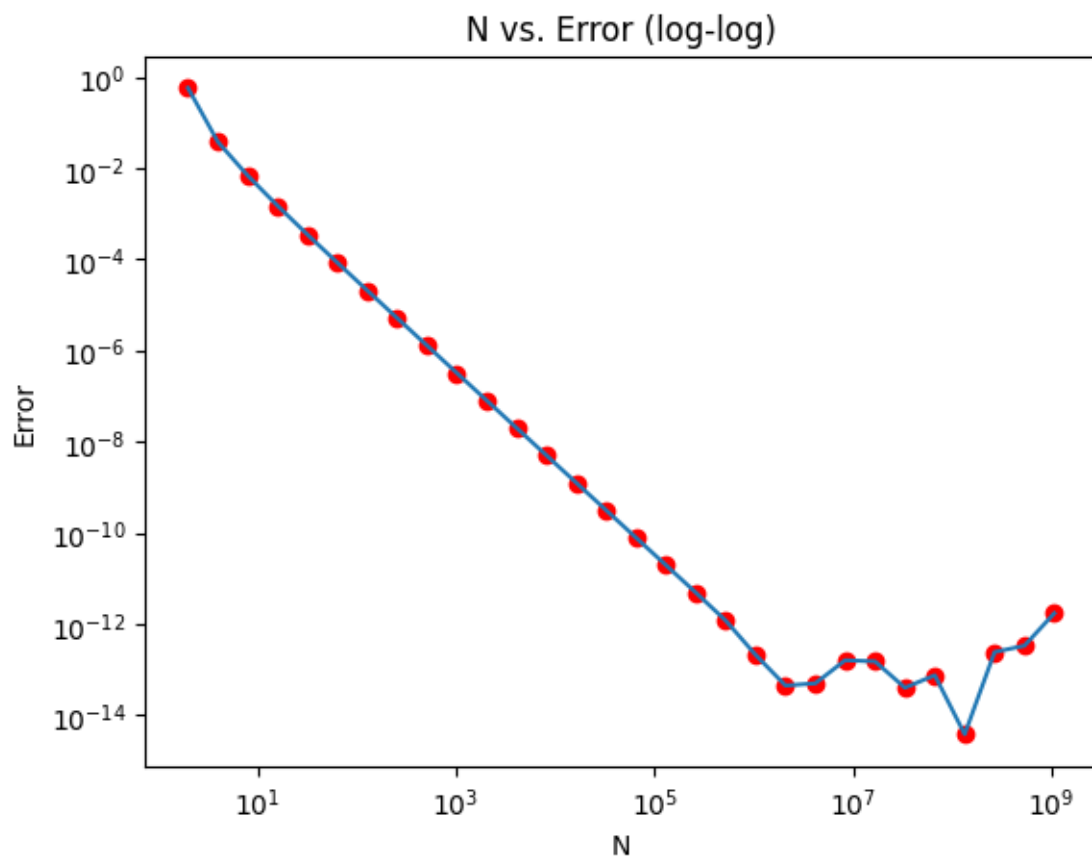
```
[11]: import numpy as np
import matplotlib.pyplot as plt
```

```
[12]: data = np.loadtxt('error.dat')
```

```
[13]: N = data[:, 0]
error = data[:, 1]
```

```
[17]: plt.loglog(N, error)
plt.scatter(N, error, c="red")
plt.xlabel('N'); plt.ylabel('Error'); plt.title('N vs. Error (log-log)')
```

```
[17]: Text(0.5, 1.0, 'N vs. Error (log-log)')
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