Series 4 with function call
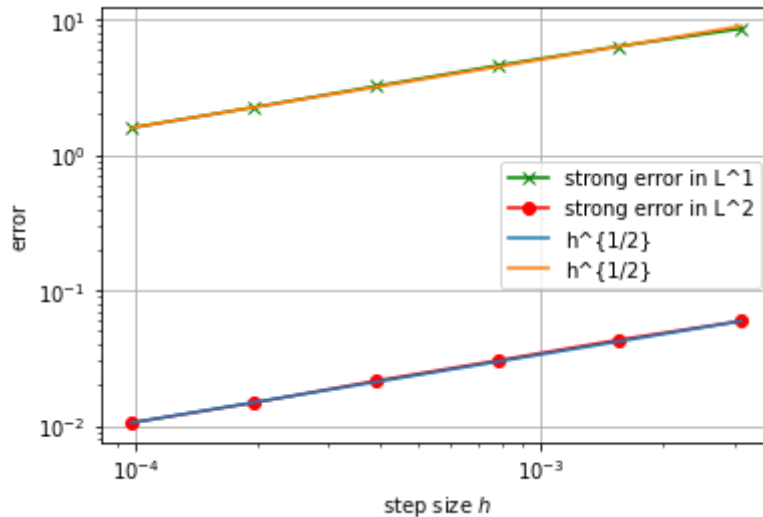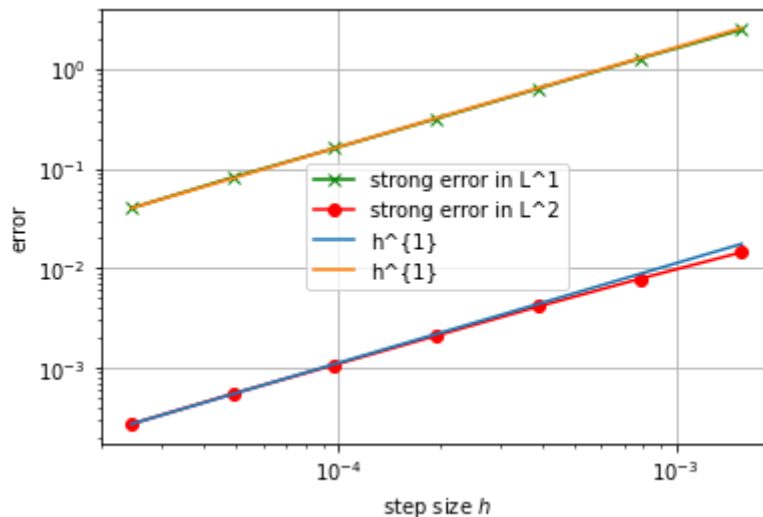
```python
from Series4 import sde_convstrongmil
from Series4 import sde_convweak
from Series4 import sde_convstrong
from Series4 import sde_heston2
```
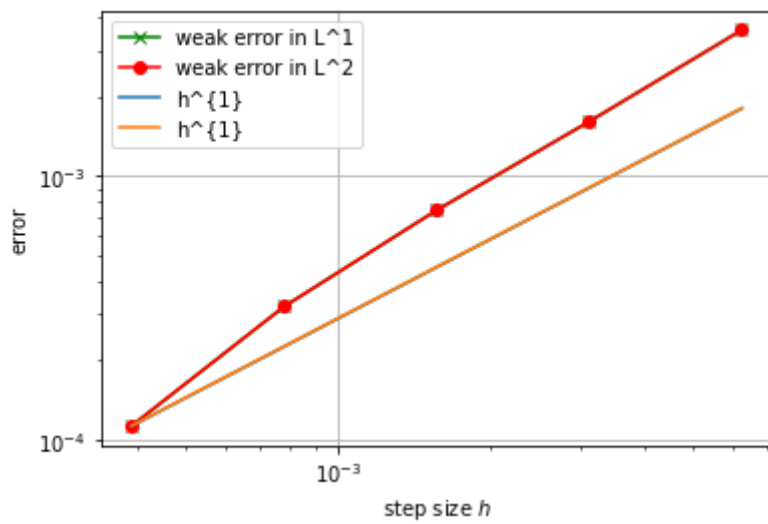
```python
sde_convstrong()
```



```
Strong rate of convergence error in L_1: 0.5043261322273296
Strong rate of convergence error in L_2: 0.4912258643752467
Elapsed time: 1.5396037101745605
```

```python
sde_convstrongmil()
```



```
Strong rate of convergence: 0.9556027755050176
Elapsed time: 3.9846904277801514
```
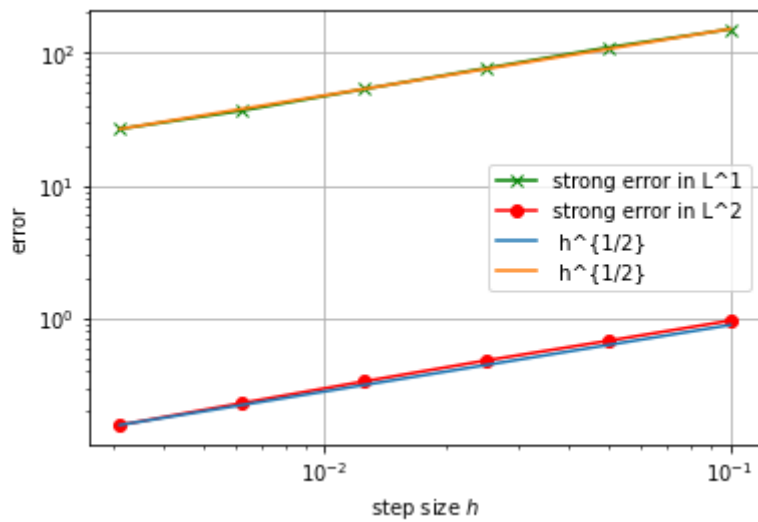
```python
sde_convweak()
```

```
Weak rate of convergence L^2: 1.2299573926476157
Weak rate of convergence L^1: 1.2307915340867766
Elapsed time: 22.687206745147705
```
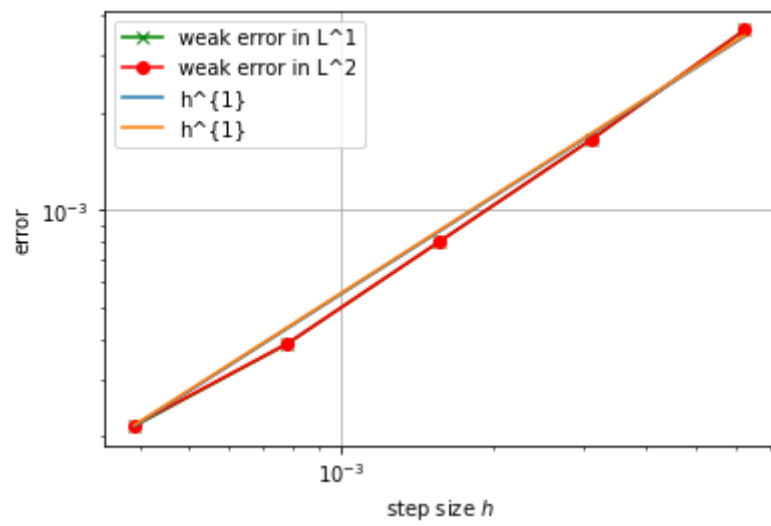
In [5]:
```
sde_heston2()
```

```
CLT confidence interval
[[3.2947983  3.42179813]
 [3.25684862 3.3808496 ]
 [3.23948899 3.36222108]
 [3.23157682 3.35362328]
 [3.22988949 3.35162081]
 [3.22941886 3.35100939]]
```



```
Elapsed time: 5.997417449951172
```

In [3]:

Weak rate of convergence L^2: 1.0214014401263503
Weak rate of convergence L^1: 1.0237249935743171
Elapsed time: 21.637722969055176