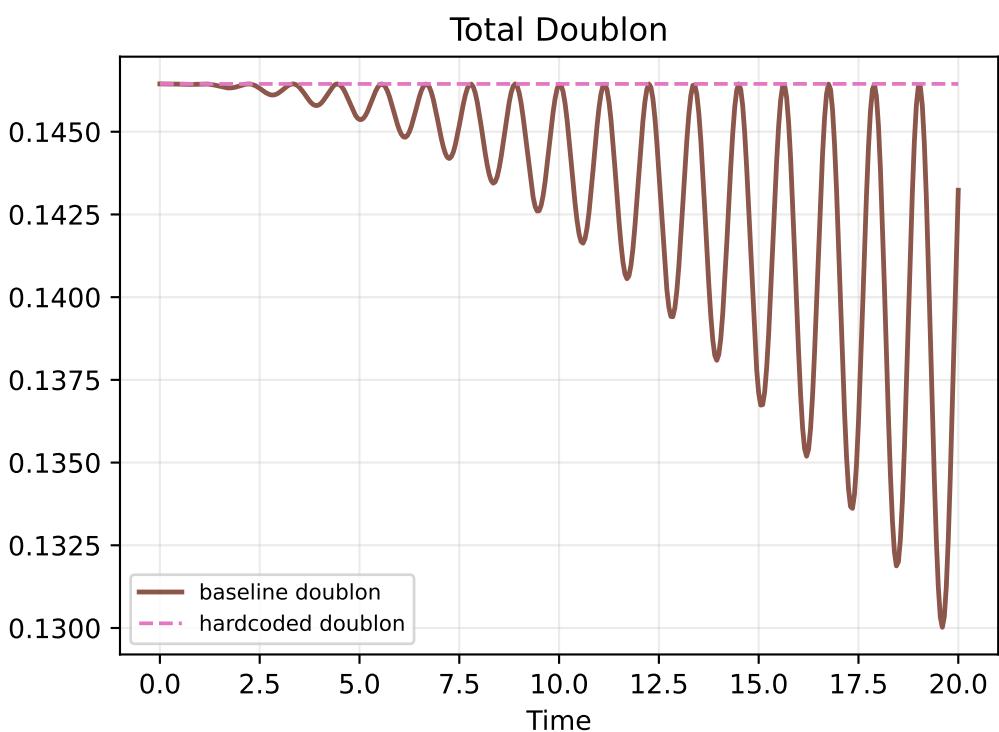
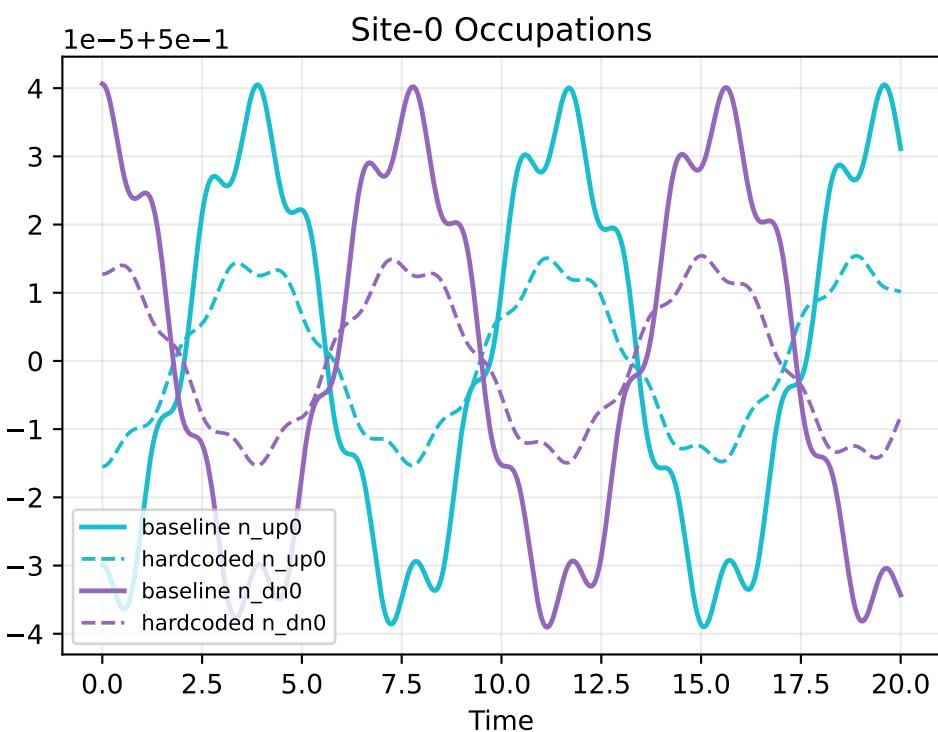
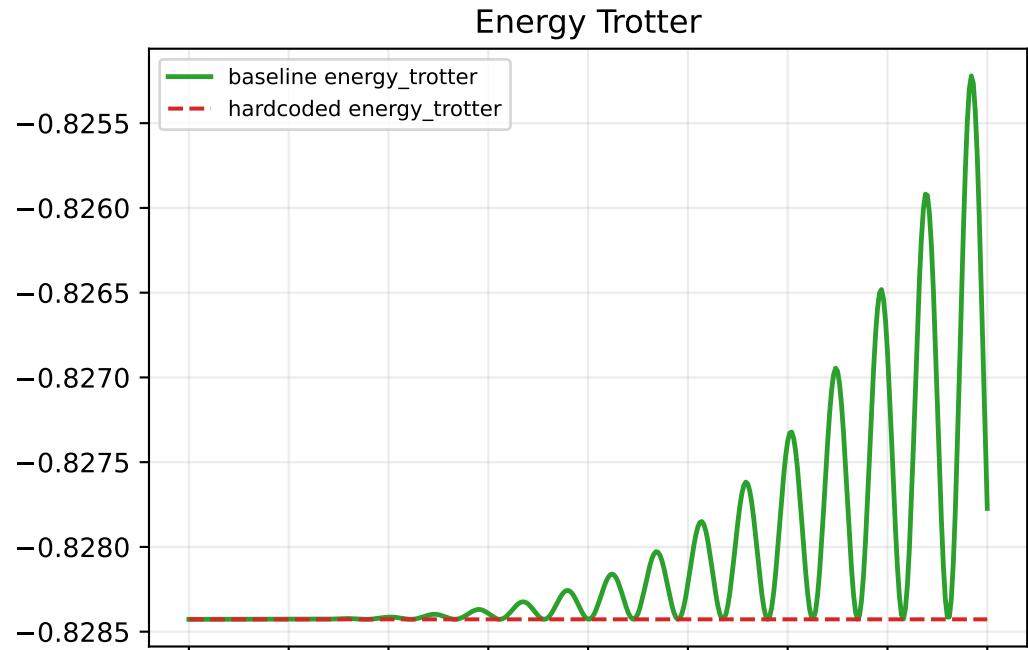
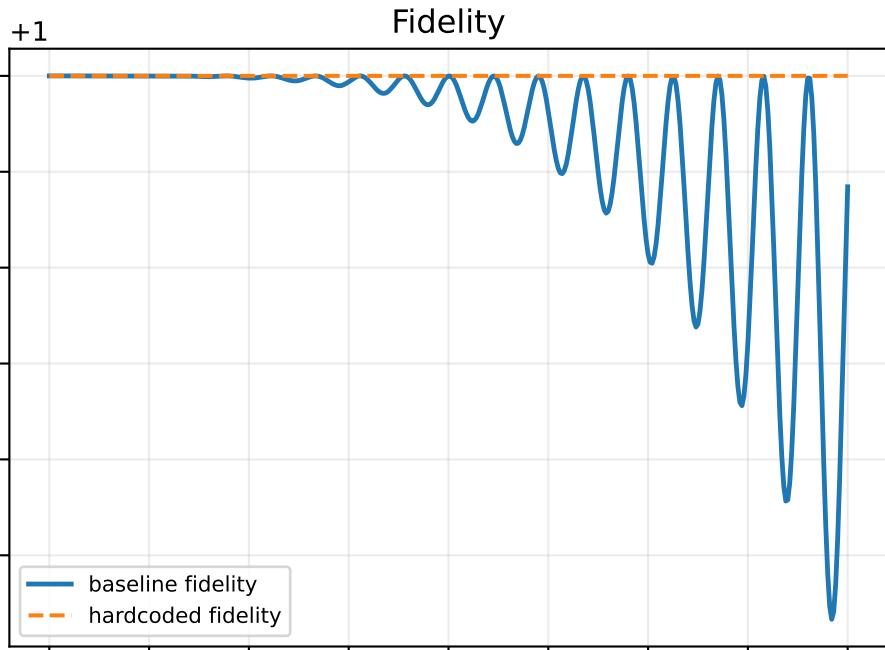
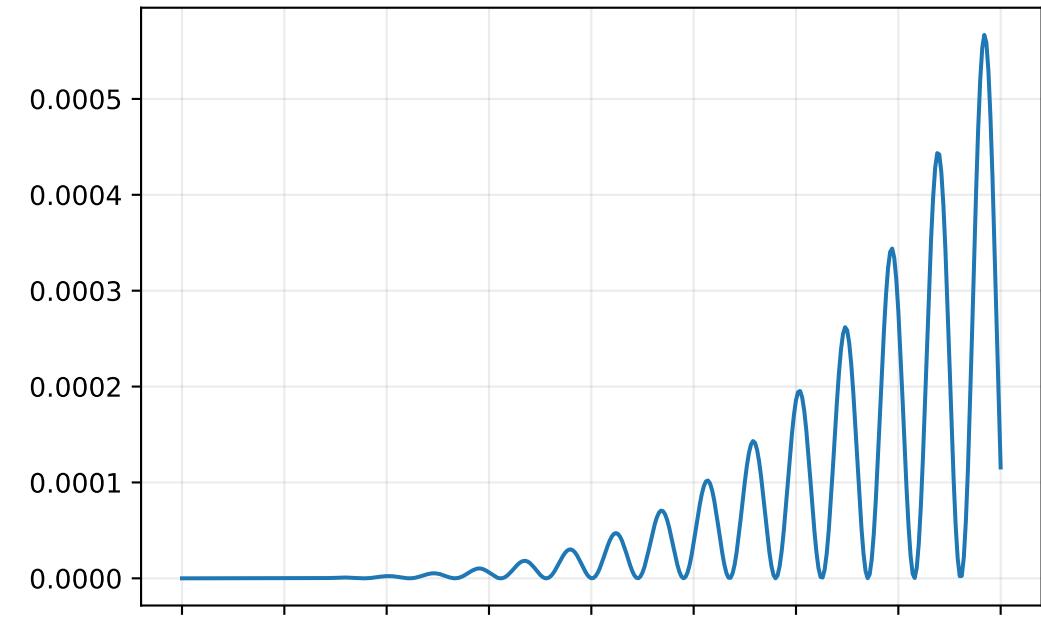


L=2 Hardcoded vs Frozen Qiskit Time Dynamics (iter0)

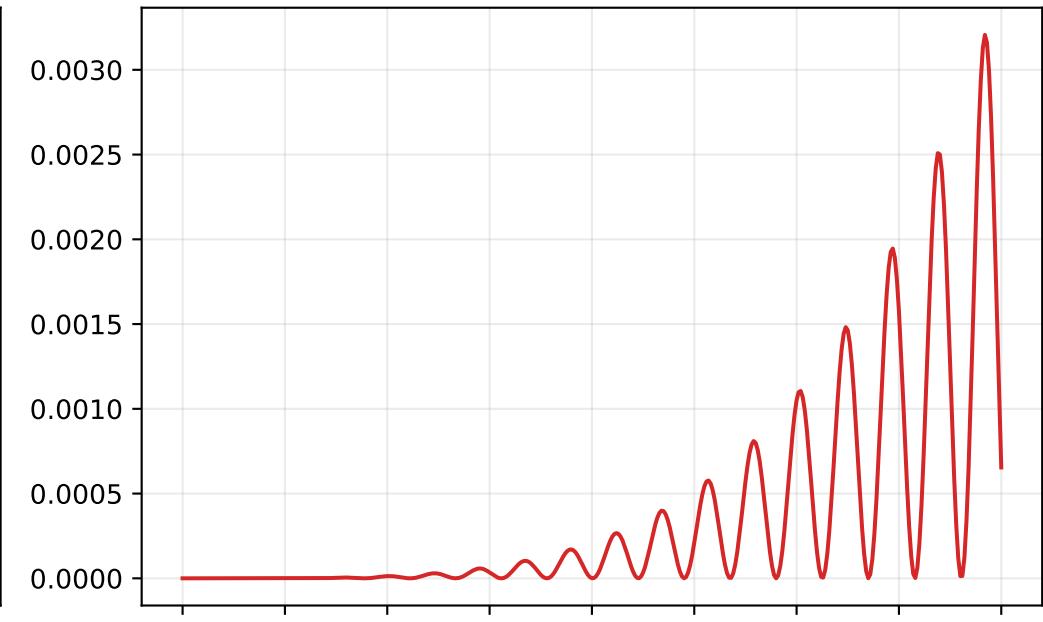


L=2 Delta Diagnostics (iter0)

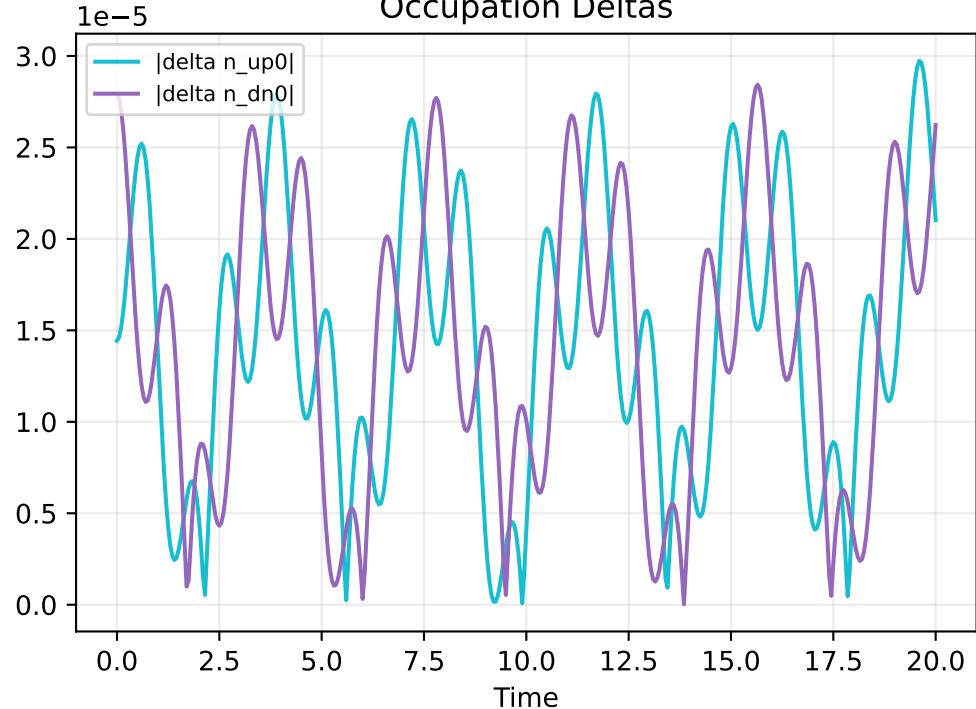
|delta fidelity|



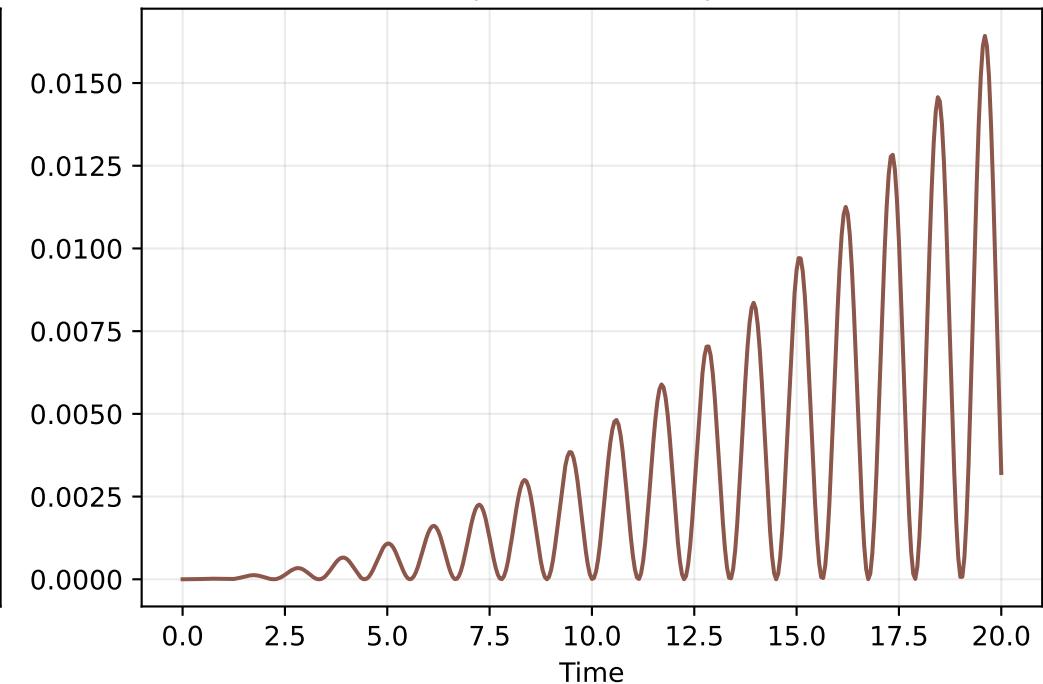
|delta energy_trotter|



Occupation Deltas



|delta doublon|



```
L=2 metrics summary (iter0)
```

```
ground-state energy abs delta: 1.886020006836e-09
fidelity max/mean/final: 5.667876930743e-04 / 6.307843108765e-05 / 1.156635622073e-04
energy_trotter max/mean/final: 3.206044640913e-03 / 3.567817787125e-04 / 6.543567997266e-04
n_up_site0_trotter max/mean/final: 2.973383951488e-05 / 1.429852698708e-05 / 2.102403128290e-05
n_dn_site0_trotter max/mean/final: 2.843237237815e-05 / 1.419438808654e-05 / 2.622357900500e-05
doublon_trotter max/mean/final: 1.642592978437e-02 / 2.917697285172e-03 / 3.213739579713e-03
```

```
Acceptance checks: {'ground_state_energy_abs_delta': True, 'fidelity_max_abs_delta': False, 'energy_trotter_max_abs_delta': False}
PASS: False
```