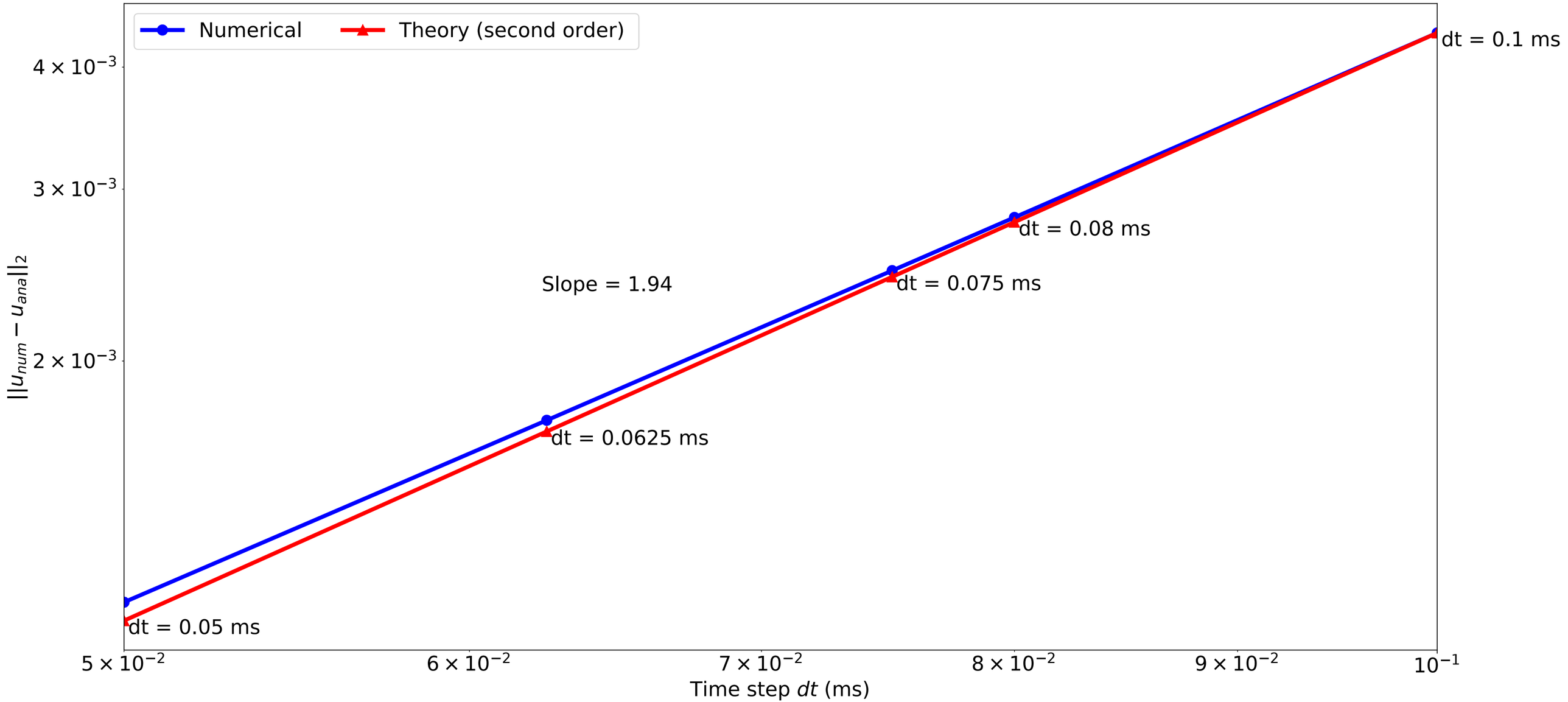
Numerical
Theory (second order)
dt = 0.1 ms
dt = 0.08 ms
dt = 0.075 ms
Slope = 1.94
dt = 0.0625 ms
dt = 0.05 ms
4×10^{-3}
3×10^{-3}
2×10^{-3}
$||u_{num} - u_{ana}||_2$
5×10^{-2}
6×10^{-2}
7×10^{-2}
8×10^{-2}
9×10^{-2}
10^{-1}
Time step dt (ms)