Discrete Approximation vs Exact Solution of Continuous Transmission Line $\omega = 0.0050$ $\omega = 0.0028$ $\omega = 0.0005$ 1.008 Exact solution 1.006 1.004 1.002 Impedance 1 0.998 0.996 0.994 0.992

0.99

0

500

1000

1500

2000

N

2500

3000

3500

4000