(a) Full simulation

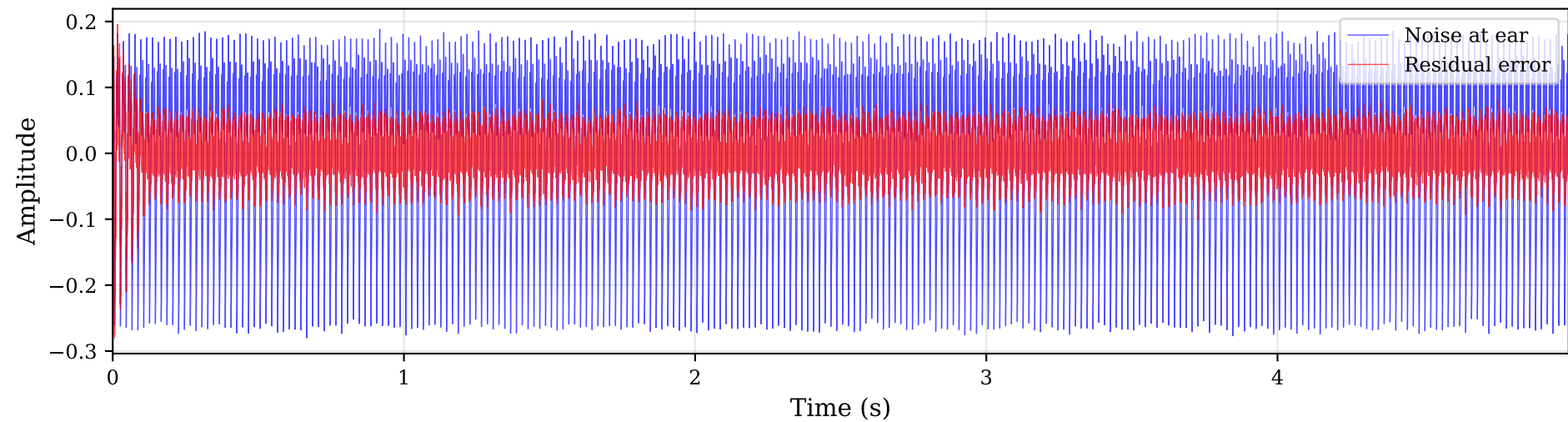### (b) Zoomed view (0.5-1.5s)