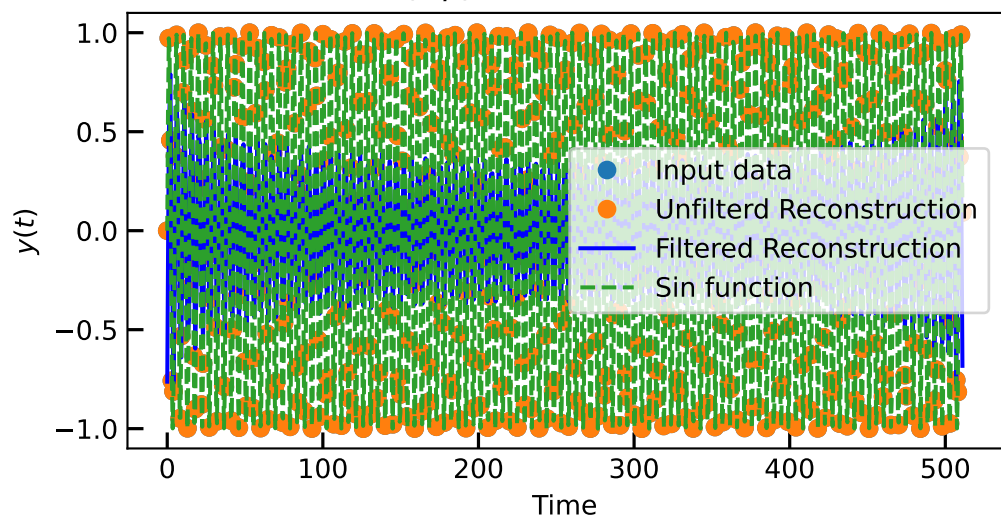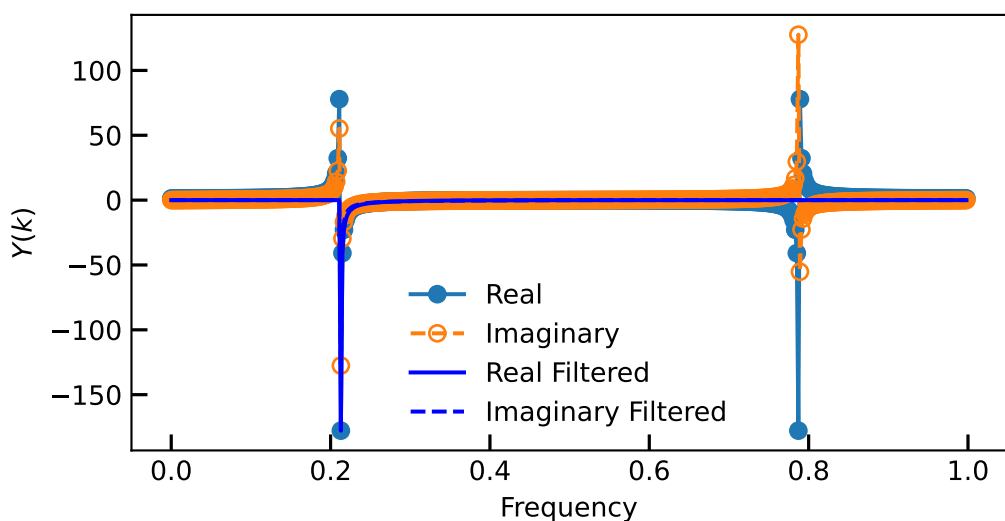Time series: $f_s, \phi_s = 0.2123, 0.00\pi$,
$f_e, \phi_e = 0.0000, 0.00\pi$

Fourier transform

Power spectrum (unnormalized)