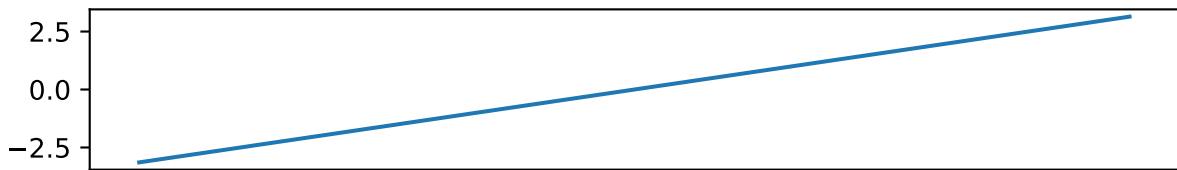
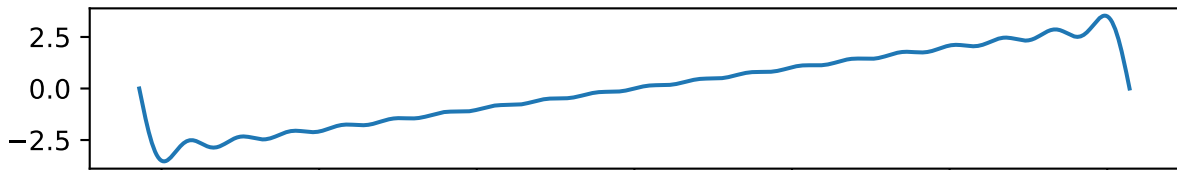


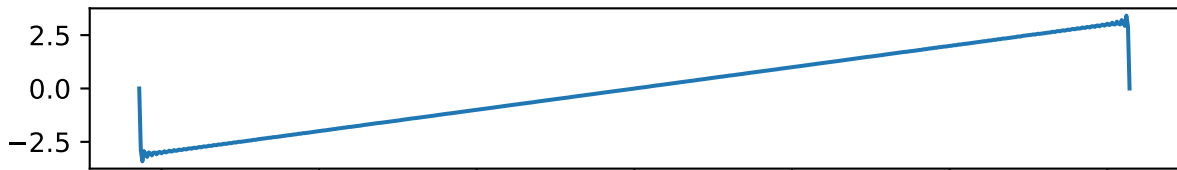
sawtooth: $f(x)$



sawtooth: Fourier series, $N = 20$



sawtooth: Fourier series, $N = 200$



sawtooth: Fourier series, $N = 20000$

