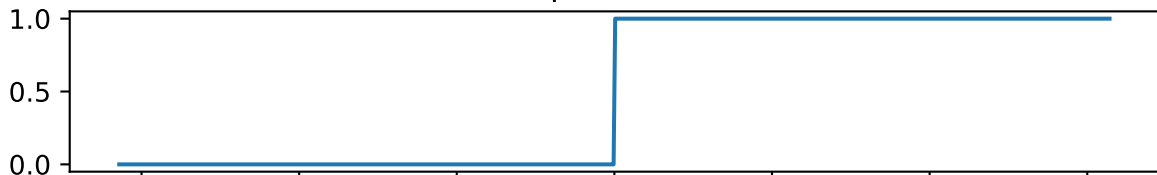
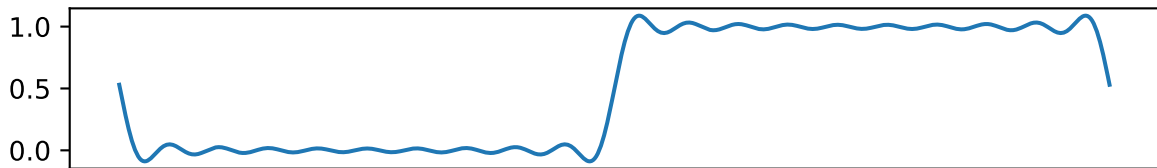


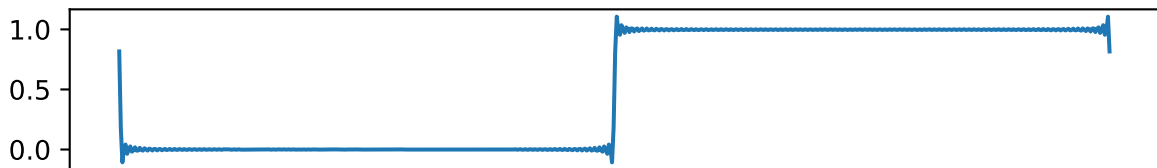
square: $f(x)$



square: Fourier series, $N = 20$



square: Fourier series, $N = 200$



square: Fourier series, $N = 20000$

