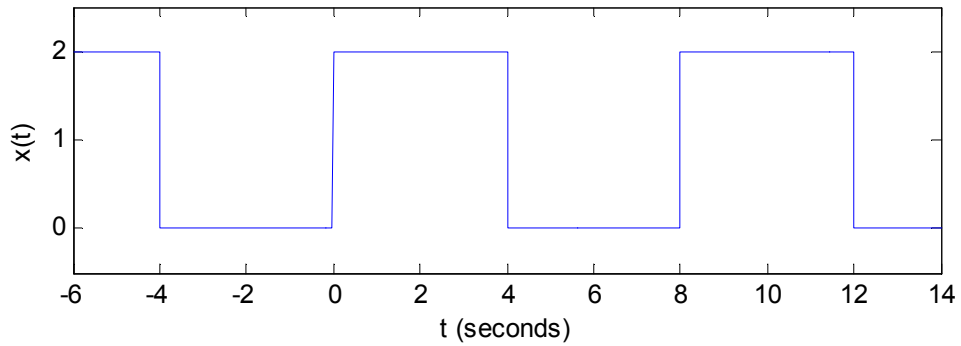


EEE2035F Signals and Systems Quiz: 16 April 2007

Student Number:

1. Find the coefficients of the Fourier series for the signal $x(t)$ below:



2. Plot the magnitude and phase of the coefficients over the frequency range $-\pi$ to π .
3. Sketch the signal $y(t) = x(t) + 3$, and explain how the coefficients differ from those of $x(t)$.