Engineering Mathematics

Hw#1

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Consider Example 13.8 in the textbook

- (a) Plot the function f(x) on $\begin{bmatrix} -2\pi, & 2\pi \end{bmatrix}$
- (b) Calculate the Fourier coefficients of f(x) on $\begin{bmatrix} -2\pi, 2\pi \end{bmatrix}$
- (c) Plot f(x) on $[-2\pi, 2\pi]$ and the Fourier series of f(x) on $[-2\pi, 2\pi]$
- (d) Discussions