

SOOFIAN 1, HOMEWORK, 92.08.18

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Exercise 0.1. Find the Cosine Fourier series of the function

$$f(x) = \begin{cases} -2x, & -\pi < x < 0 \\ 2x, & 0 < x < \pi \end{cases}$$

Exercise 0.2. Find the Fourier series of the function

$$f(x) = \begin{cases} x + 2 & -2 < x < 0 \\ 1 & 0 < x < 2 \end{cases}$$

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