

Math 54 Worksheet 26
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4/29/05

1. Find the Fourier series for the function

$$f(x) = x, \quad -1 \leq x < 1; \quad f(x+2) = f(x).$$

2. Find the Fourier series for the function

$$f(x) = x, \quad 0 \leq x < 4; \quad f(x+4) = f(x).$$