

Fourier Analysis / SPIEGEL

Fourier transforms

periodic function. (page -20)

piecewise continuous function. (p-21)

Definition of Fourier series (p-21)

ODD AND EVEN FUNCTIONS (p-22)

HALF-RANGE FOURIER SINE OR
COSINE SERIES (p-22, 23)

Solved problem

2.1(c), 2.5, 2.6, 2.10, 2.11

Spiegel book

Fourier, chapter -5

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The Fourier Integral

Equivalent of Fourier's Integral Theorem.

Fourier transforms.

Fourier sine and cosine transforms

Solved problem.

5.1, 5.2, 5.3, 5.4, 5.10, 5.16, 5.23