

Math 4213 - Complex Analysis

Quiz #22 - 2012.04.11

Solutions

1. From section 12.1, what types of functions can we compute a Fourier expansion for?

A function which is periodic with period 2π has a Fourier expansion.

2. If a function $f(x)$ is odd, which terms disappear in its Fourier expansion?

All of the cos terms disappear.