Serial #

……

**-1 points for not writing your serial #**

**King Fahd University of Petroleum & Minerals**

Electrical Engineering Department

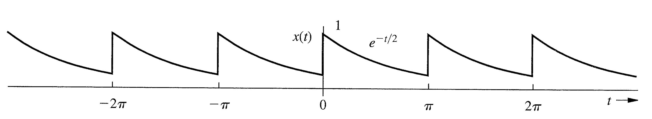
EE207: Signals & Systems (122)

**Quiz 4: Fourier Series**

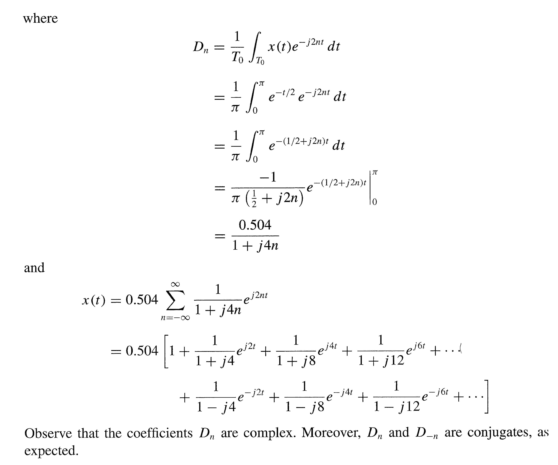
**Dr. Ali Hussein Muqaibel**

Name: Key Ver.2

Find the exponential Fourier series for the signal shown in the figure

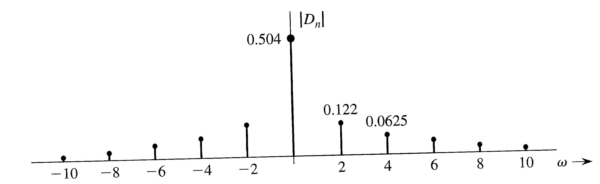


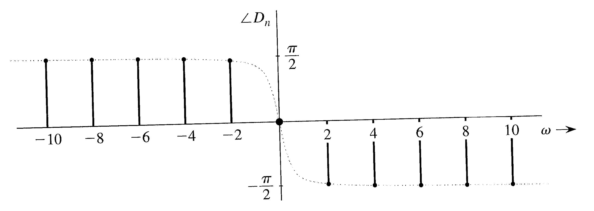
In this case and



Find and plot the double sided magnitude and phase spectral rad/sec

We are showing extra components up to 10 rad/sec ,phase





**Good luck, Dr. Ali Muqaibel**