ECE250: Signals and Systems

Quiz 1 (08/09/2022)
Max. Marks: 5

1. Sketch and label the following signal (CO1)

   $x(4 - \frac{t}{2})$ (See Figure 1)   (2.5 marks)
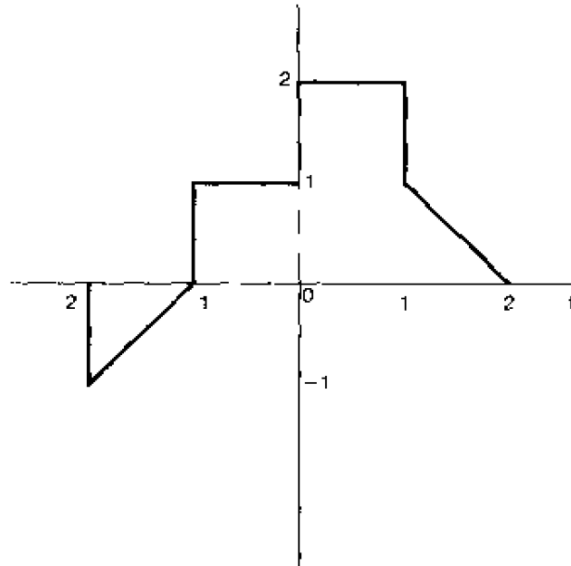

Figure 1: Signal x(t)

2. Determine whether the signal $y(t) = e^{j(3t + \pi/2)}$ is energy signal or power signal and calculate its energy and power. (CO1)   (2.5 marks)