ECS 332: In-Class Exercise # 17 - Sol

Instructions

1. Separate into groups of no more than three students each. **The group cannot be the same as any of your former groups after the midterm.**
2. ENRE (Explanation is not required for this exercise.)
3. **Do not panic.**

Date: 0 6 / 1 1 / 2019			
Name	ID (last 3 digits)		
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1. A PM signal is created from the message $m(t)$ by $x_{\text{PM}}(t) = 3\cos\left(2\pi f_c t + k_p m(t)\right)$.

   Suppose $f_c = 1$ and $k_p = \frac{\pi}{4} = 45^\circ$. For the message $m(t)$ plotted blow. Plot the corresponding $x_{\text{PM}}(t)$.