

Differentiating Mal yd wit (t) we have: $x_d(t) = \frac{-2\pi^2}{T^2} \sin(2\pi t)$ yd(+) = - 81 H sin (4 Tt) - substituting above values of right), you(t)? Vd & o (w) at any instant 't'. The above equations have been implemented in code in homework 2.py?