

MATH 3113 Quiz 3 Oct. 17, 2008

i) (10 Points) Find the Laplace transform of the function given by the following graph.

ii) (10 Points) Solve the following initial value problem using the method of Laplace transforms.

$$x'' + 25x = 0 \qquad x(0) = 4, x'(0) = 6$$