R·I·T School of Mathematical Sciences

26 - Shifting Formulas I

MATH 211

Find the inverse Laplace Transform for the function.

$$F(s) = \frac{s + 5}{s^3 + 4s^2 + 13s}$$

Find the Laplace Transform of the function.

$$g(t) = e^{-t}u(t-1)$$

$$g(t) = \cos tu(t-\pi)$$

Find the inverse transform of the following function.

$$G(s) = \frac{e^{-s}}{s^2 + s}$$