EE 233 HW4

Due Date: OCT 31th

Problems from text book (electric circuits, 10th version): **12.56**

Other problems are listed below

1. Find f(t) for each of the following functions

a) $F(s) = \frac{s^3+5s^2+7s+12}{s^2+3s+2}$

b) $F(s) = \frac{2s^2-4s+2}{(s+2)^3}$

c) $F(s) = \frac{4s+2}{(s+1)(s+2)^2}$

d) $F(s) = \frac{s+3}{2s^2+6s+5}$

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

2. Apply the initial-and final-value theorems to each transform pair in Problem 1 above.