Find the Inverse Laplace Transform of the given function. Use partial Fractions when Appropriate (Now Inverse laplace) Based on Q6 of H.W. 20 2-1-4 + 22 + 50 $F(s) = \frac{5s^2 - 3s - 4}{5^3 + 55^2 + 66}$ さん「一学」十号と「「まれ」十号して「まれ」 Ally partial fractions (do Algebra) (-4) + \$ (e2+) + 50 (e2+) 552-35-4 = 55-35-4 = A B (5(52+55+6) = (5)(5+2)(5+3) = (5) + (5+2)(5+3) PARSWER 55-38-4=A(5+2)(5+3)+B(5+1)(5)+(55+2)(5) put ==0 1475 3-4 Puts = -3 -4 = A(2)(3) 20+6-4=0(5) 45+9-4=36 12 = 0(5) 5 5 D = 22 4=46 A=4 50 = 3((= 50