Bannet Sloger Mth 256 - HW 10 1.) Suppose the charge on a capacitor in a simple electric circuit is governed by. 2/"+/+2/=5(4), /(0)=0, /(0)=0 Suppose the foreing function J(t) regresonts a spike (impulse) in the voltage at to = 5 seconds. Find y(t). Given: Impulare at to = 5 Sa) 2/"+/+2/= 5(t-5) 2{2/"+/'+2/3 = 2{5(t-5)3/