Quiz 1



Wed Feb 27 Spring 2019

Problem 1

Consider an RC circuit shown in figure below.

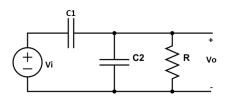


Figure 1: An RC Circuit

Using transfer function method, find $v_o(t)$ if a DC input voltage of 2 V is applied at t=0 s and $v_o(0)=0.5$ V. Use R=100 k $\Omega,C_1=500$ nF and $C_2=500$ nF.