

ECE 580, Extra Credit Problem (5 points), Due Date – 5th Dec, 2016, 8:00pm

Q. Switched capacitor network is used to realize the impedance for the network shown below. The resistance is defined as the voltage divided by the average current. Average current is defined as the charge flowing out in one clock period divided by switching time period 'T'. Calculate the equivalent resistance to ground (R_{eq1} and R_{eq2}) while looking into the switched capacitor network from node V1 and V2.

