Phys 2120-4 9/19/12

Note Title 9/19/2012

Connecting Capacitors Connect in parallel change Q, collects on C, Chaze Pr on Cz Potential V across C, or Cz $Q_1 = C_1 \vee Q_2 = C_2 \vee$ > Roplace by Add Q+ Pz = C, V+Cz)
sinsh capacitor = (C,+Cz)V

P,+ P2 = (C, 4 C,) V = Ceg V = Q Tobbl Cequivalan = C1 + C2 For cop's in parallel, Cy = C,+ Cz Coy = C1 + C2 + C3 + ... Series combination of cap's.

$$Q \neq \left(\begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right)$$