

Capacitor Circuit (9)



The circuit of capacitors connected to a battery is at equilibrium.

- (a) Find the equivalent capacitance C_{eq} .
- (b) Find the total energy U stored in the circuit (excluding the battery).
- (c) Find the charge Q_3 on capacitor C_3 .
- (d) Find the voltage V_2 across capacitor C_2 .

