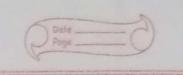


The wrent through any branch of a parallel resistive network is equal to the parallel network total resistance of the parallel network divided by the resistor of interest and multiplied by the total amount entering the parallel configuration.

(Num. No.23) > In numerical copy.



Woltage Source in Parallel

5V T 5V P2 P2

Here, $P_1 = I_1 \times V_1$ $P_2 = I_2 \times V_2$

801

$$f_{1} = (I_{1}+I_{2}) \times V = 2IV (!'I_{1}=I_{2})$$

= 2P

In parallel, the buttery's connecting must have same voltage to prevent charging and discharging.

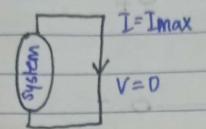
* Short Crauit:

Here, Ry=0 $R_1 \rightarrow R_1 R_2 R_3 R_4$ $R' = R_3 R_4 = 0$ $R_3 + R_4$ $R'' = R' R_2 = 0$ $R' + R_3$ $R''' = R'' R_1 = 0$



x Closed circuit

T=0



No D. Valvery

unrent is maximum.

and no voltage if

unresistive.

In open circuit, current is zero and the voltage is maximum

(Num·No: 24/25/26/27/28) => In numerical copy.

- bruhmus

hat Chuit: