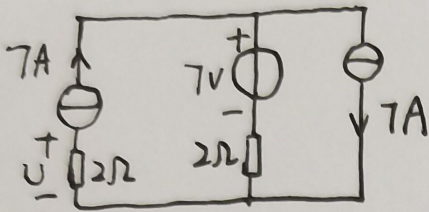
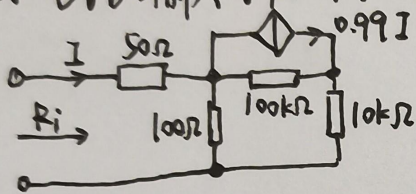


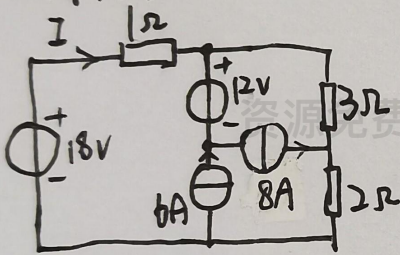
求电路中的U及各电源发出功率



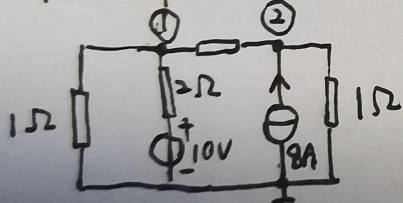
求图示电路输入电阻 R_i



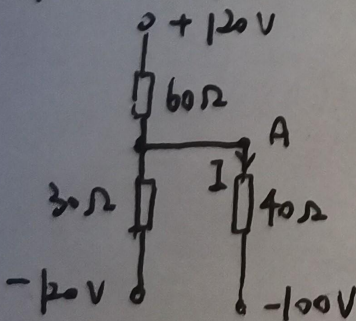
电路如图,用叠加定理求电流I.



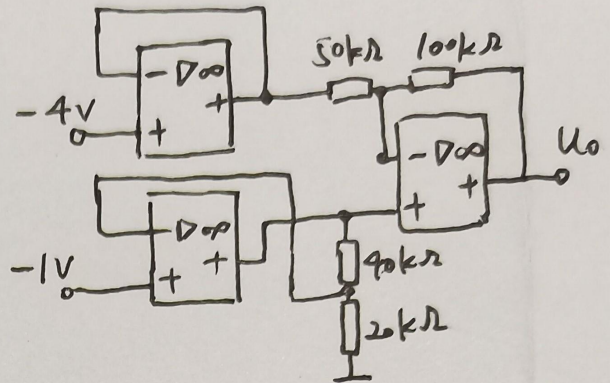
用节点电压法求图示电路节点电压 U_1 和 U_2



用戴维南定理求图中电流I和A点电位 U_A

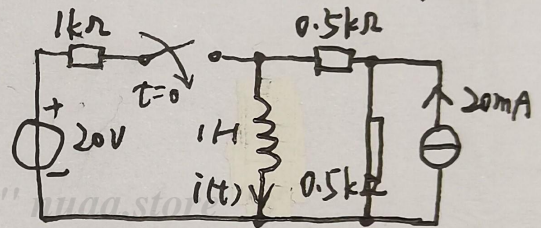


理想运放电路,求 U_o



求 $i(t)$, $t > 0$.

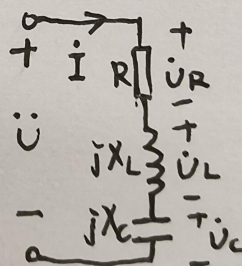
假定开关闭合前电路已达稳态



图示交流电路中, $U=220V$, $U_k=160V$

该电路的平均功率 $P=320W$.

$|X_L|=2|X_C|$. 求 R , X_L 和 X_C .

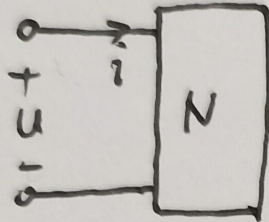


电压 $u = 100 + 100 \cos \omega t + 300 \cos 3 \omega t \text{ V}$

电流 $i = 50 \cos(\omega t - 45^\circ) + 20 \cos(3\omega t + 60^\circ) + 20 \cos 5\omega t \text{ A}$

求: (1) 电路吸收的有功功率 P ;

(2) 电压 u 和电流 i 的有效值.

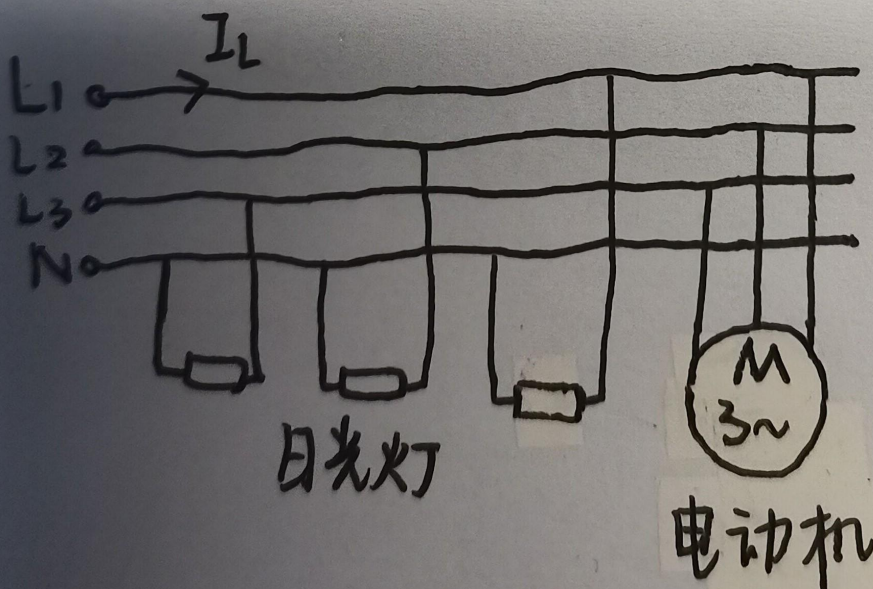


电路如图. 在 220/380V 的低压供电系统中, 分别接有 30 只日光灯和一台三相电动机. 已知每只日光灯的

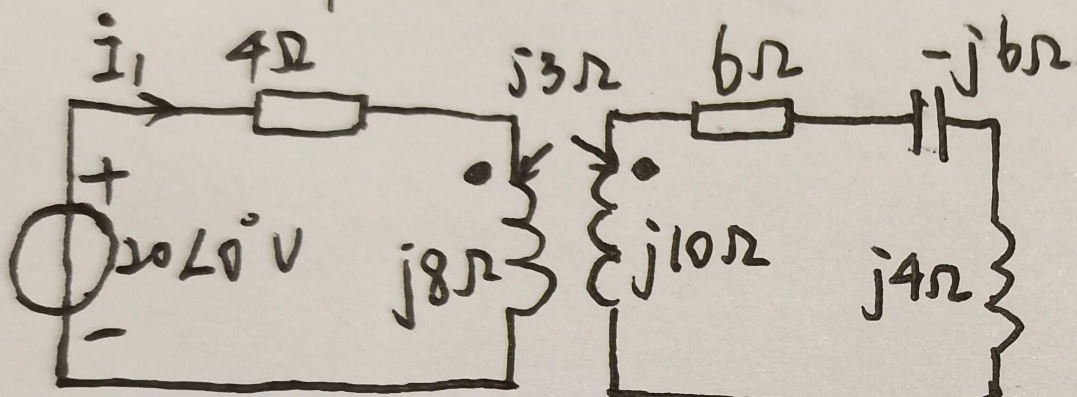
额定值为: $U_N = 220 \text{ V}$. $P_N = 40 \text{ W}$. $\lambda_N = \cos \varphi_N = 0.5$.

日光灯由三组均匀接入三相电源. 电动机的额定电压为 380V, 输入功率为 3kW, 功率因数为 0.8, 三角形联结, 求电源供给总有功功率 P 与电源线有效

值 I_L .



用反映阻抗法求图示电路的电流 i_1



资源免费共享 访问网站 "nuua.store"

求图示电路的输入阻抗 Z_i

