to ia = Ia+ Ia= 28.72-1.50 A Ib= 28.72-178.50 A

Ic = 1.5 490°A

12-28 解: (1) 电压源视为Y形联结, △负载等效为Y,则B相电压为 Ub = Ubc × 13 2-30° = 380 2-150° V 16 = \\ \frac{\dagger}{2/3} = \frac{38}{\sqrt{15}} \, 2-176.6 \tag{A} (2) $P = 3I_b \times Re[\frac{Z}{3}] = 5776W$ 12-34.解:(1) $1_1 = \overline{13} \, U_1 = 55.0A > \lambda = 0.9, \ \varphi = \alpha r \cos 0.9 = 25.8° (感)$ $U_{CN} = \frac{6.3}{18} L0^{\circ} kV$, $I_{C} = \frac{U_{CN}}{80} + 55.0 L - 25.8^{\circ} A = 98.0 L + 4.1^{\circ} A$ IB = 55.0 694. 2° A IA = 55.06-145.8° A (2) UAB = V3 UCN L-90°, UCB = N3 UCN 2-30° P, = Re[UAB × 1A*] = 194.8 kW P, = Re[UCB × 1c*] = 593.8 kW P1+P2 = 788.6 KW 5闭合时中线电流不为0,不满足两表法,功率表读数和不等 于有功功率 B) Pi+P2 = SXX = 540KW