

(1) 全对转线电压 UAB = |
$$10^{\circ}$$
 V
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(1)
$$i3 Li_A = 220 L6^{\circ} V$$

$$i_{AB} = \frac{5 U_A / 50^{\circ}}{R} = 1.9 L5^{\circ} A$$

$$i_A = 2.29 A \cdot i_B = \alpha^2 i_A \cdot i_c = \alpha i_A$$

$$\therefore P = 3 (1_{AB}^{\circ} R) = 2166W$$
(2) $5 = 2P + jQ = (2166 - j | 520 B) V \cdot A$

$$= 3409.22 L - 50.56^{\circ} V \cdot A$$

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$$= 3 Li_A^{\circ} = 5.17 L50.56^{\circ} A$$

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