CH9. 基本交流電路.

9-1 基本元件、组成、

統管阻電路

(3)

You have

20

T

-10

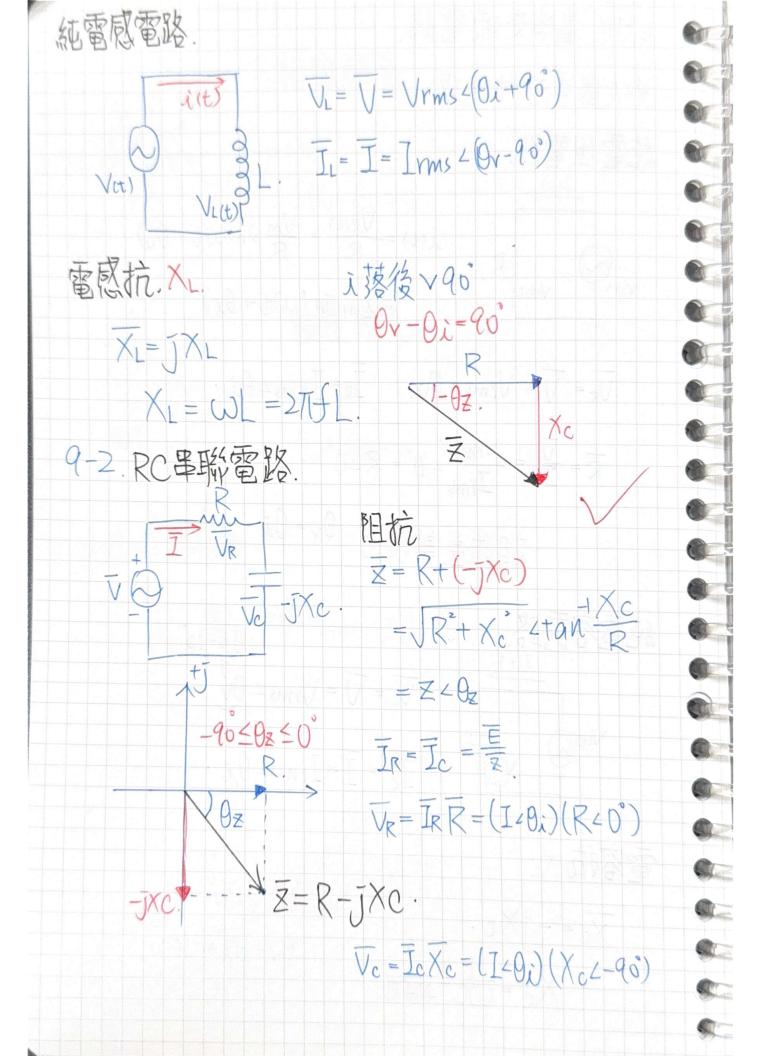
2.3

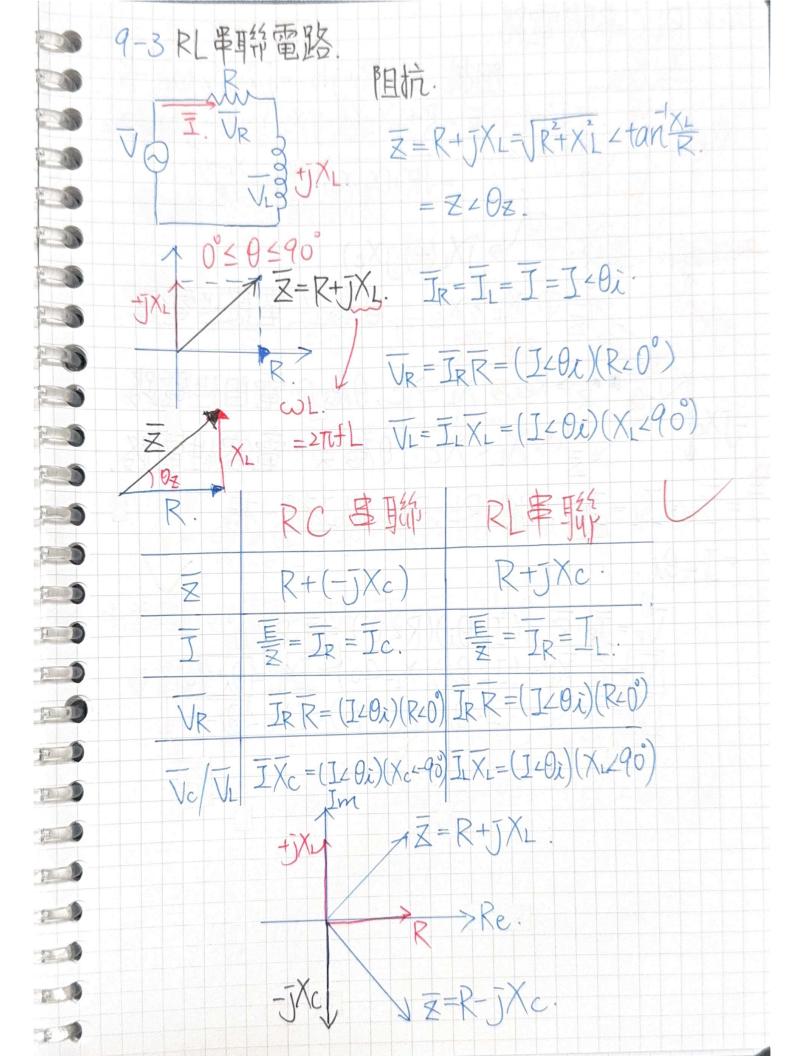
20

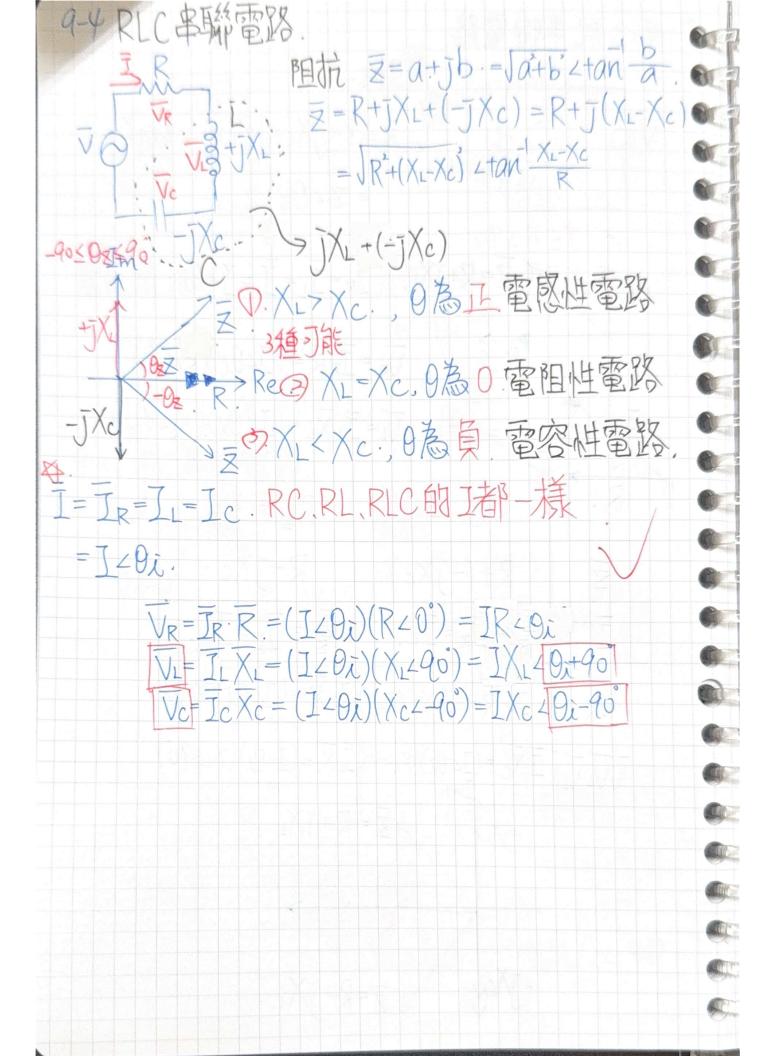
$$irt) = \frac{V_{R}(t)}{R} - \frac{V_{m} \sin(\omega t + \theta u)}{R}$$

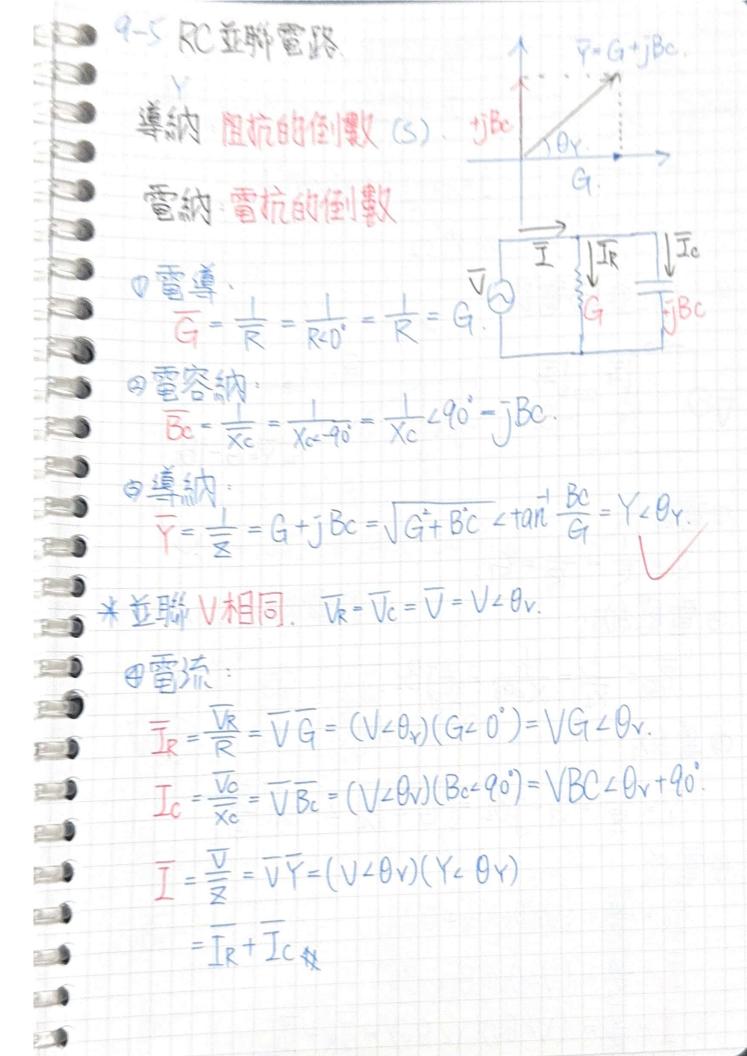
$$= I_{m} \sin(\omega t + \theta u)$$

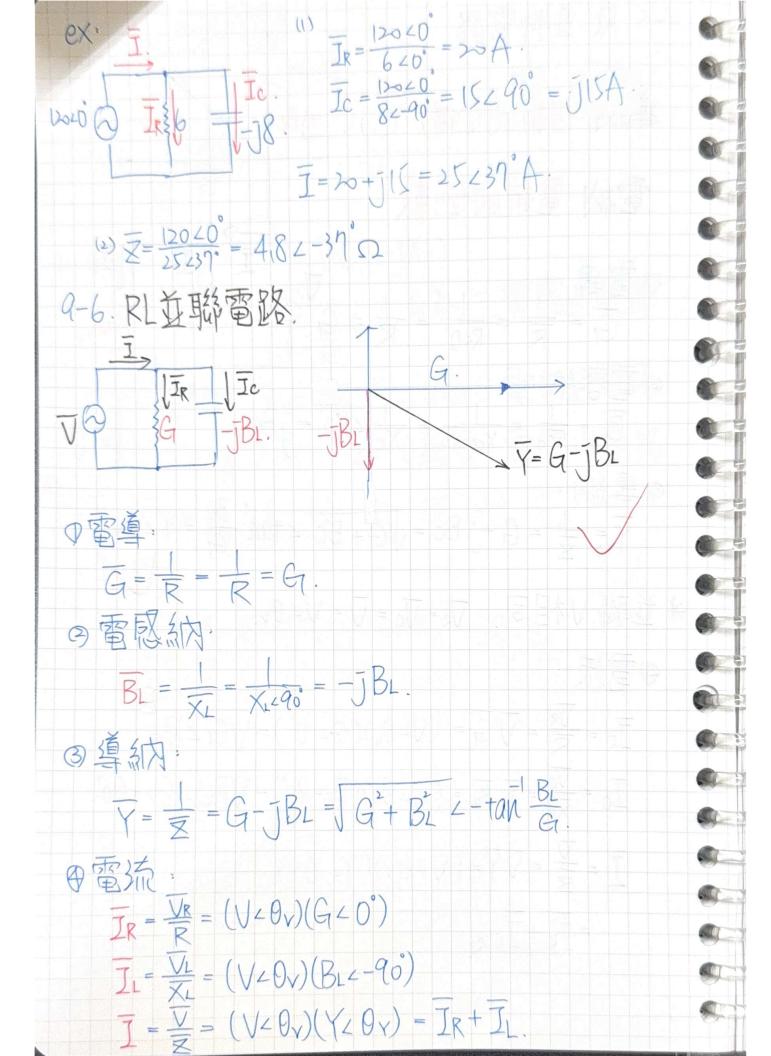
電容抗 Xc











$$V = 100J\Sigma \sin(500t + 60^{\circ})V.$$

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$$B_{L} = X_{L} = 500XX0X(0)^{2} = 10 S$$

$$G = \frac{15}{10} S.$$

$$V = 100 \times 60^{\circ} V.$$

$$V = 100 \times$$

$$y = \overline{y} = \overline{G} + \overline{B}L + \overline{B}C$$
.

 $= G + J(BC - BL)$ .

 $= JG + (BC - BL)$ .

 $= JC + J(BC - BL)$ .

 $= JC + J(BC - BL)$ .

 $= JC + J(BC - BL)$ .

 $= JC + JC - BL$ .

 $= JC + BL + BC$ .

 $= JC - BL$ .

 $= JC + BL + BC$ .

 $= JC + BL + BC$ .

 $= JC + BL + BL$ .

 $= JC + JC - BL$ .

 $= JC + JC - BL$ .

 $= JC + BL + BL$ .

 $= JC + B$ 

