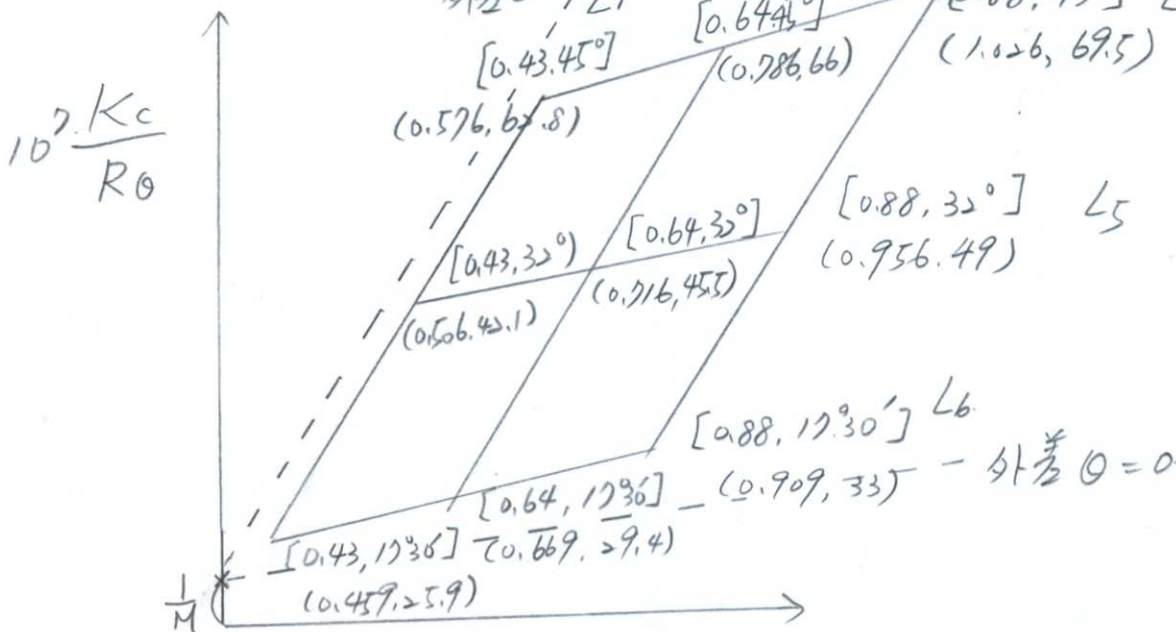


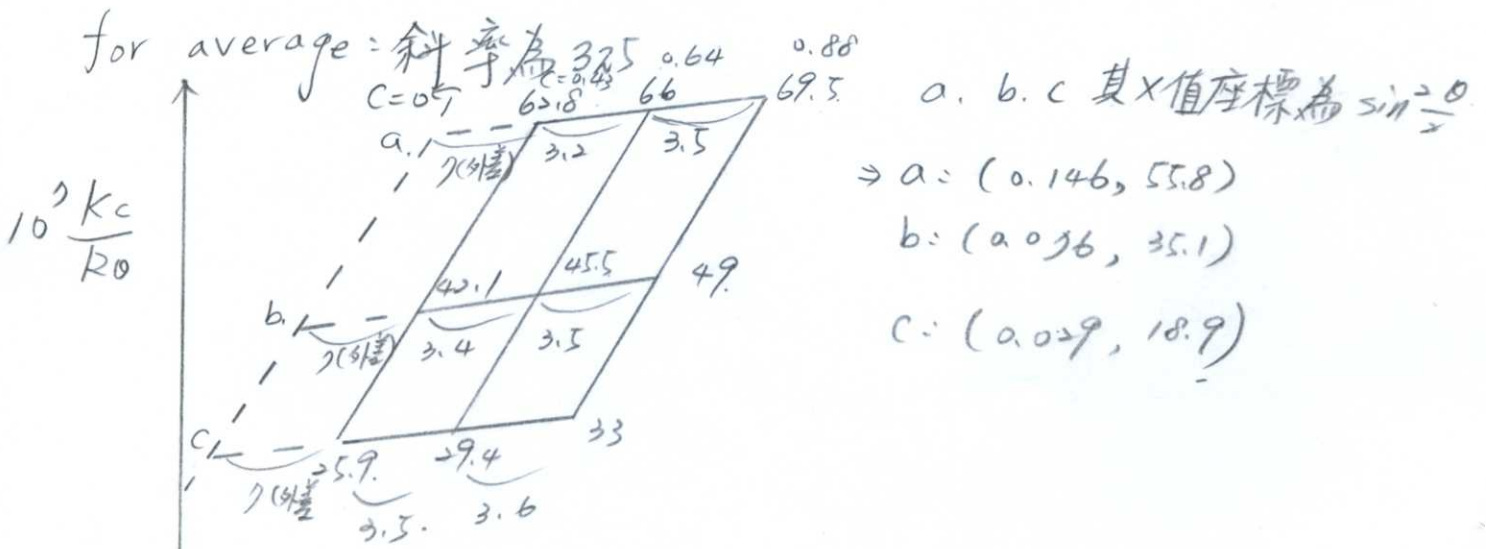
6.	45°	32°	17°30'
$\sin^2 \frac{\theta}{2}$	$\sin^2 22.5^\circ$	$\sin^2 16^\circ$	$\sin^2 9.45'$
$\sin^2 \frac{\theta}{2}$	0.146.	0.076.	0.029.

$\frac{1}{2} k = 1$ $\sin^2 \frac{\theta}{2} + kC = \sin^2 \frac{\theta}{2} + C$ $C(\frac{9}{dm^3}) = C(\frac{9}{l})$



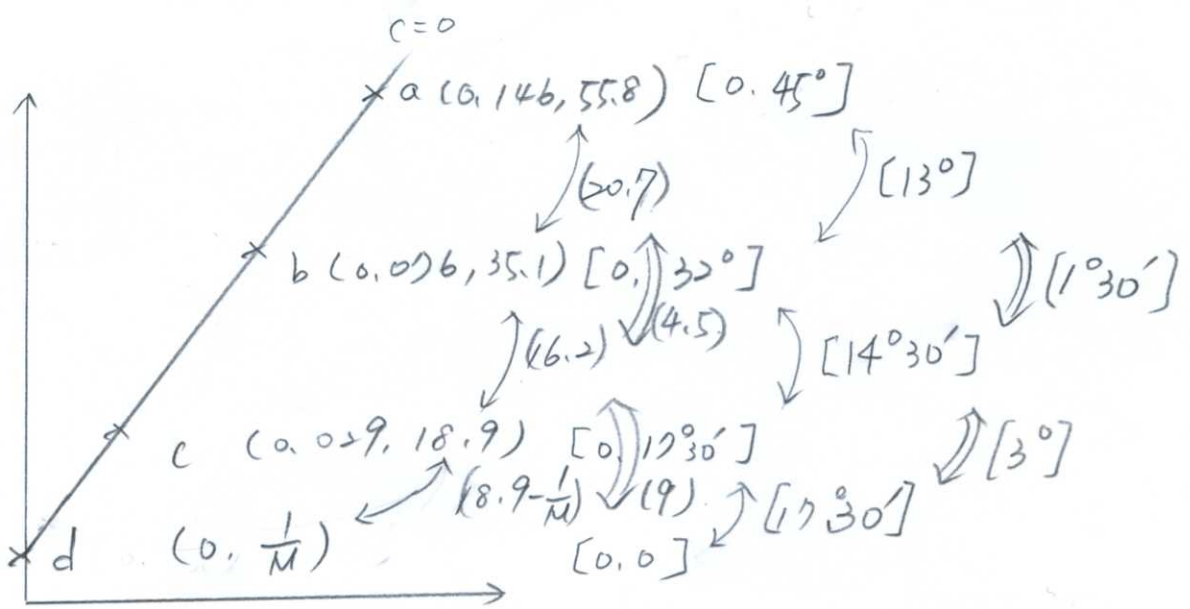
$\sin^2 \frac{\theta}{2} + kC$

- $L_1: y = 344.7x - 132.3$
- $L_2: y = 292.9x - 164$
- $L_3: y = 332.6x - 277$
- $L_4: y = 15.24x + 54$
- $L_5: y = 16.2x + 33.9$
- $L_6: y = 16.67x + 18.25$



6.

$$10^7 \frac{kc}{R\theta}$$



$$\sin^2 \frac{\theta}{2} + kc$$

$$18.9 - \frac{1}{M} = 16.2 - 9$$

$$18.9 - \frac{1}{M} = 7.2$$

$$\Rightarrow \frac{1}{M} = 11.7 \text{ at } 10^7 \frac{kc}{R\theta}$$

$$\Rightarrow \frac{1}{M} = 11.7 \times 10^{-7} \text{ at } \frac{kc}{R\theta}$$

$$M = \frac{1}{11.7 \times 10^{-7}} = \frac{1}{11.7} \times 10^7 = 850000 \text{ g/mol.}$$

$$= 850 \text{ kg/mol}$$