

کیمیاء مرادی، تالیف شماره ۱۱ - ۱

$$+ \mu + \nu + 10$$

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(۰) $C=0$

$$\mu = \nu \alpha \rightarrow \alpha = \frac{\mu}{\nu}$$

$$\alpha_{10} = \frac{\mu}{\nu} \times 100 - \frac{1}{\nu} \times 10$$

$$100 - 10 = 90$$

$$\frac{\mu}{\nu} x^{\nu} + b x \rightarrow 9 + \nu b = 0 \rightarrow b = -\frac{9}{\nu}$$

$$\alpha_x = \frac{\mu}{\nu} x^{\nu} + \frac{1}{\nu} x + 10 = 0$$

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$$+0 \rightarrow +1 \rightarrow +2$$

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$$\nu \alpha = 1 \rightarrow \alpha = \frac{1}{\nu}$$

$C=0$

$$\frac{1}{\nu} x^{\nu} + b x$$

$$\frac{1}{\nu} + b = 0 \rightarrow b = -\frac{1}{\nu}$$

$$\frac{1}{\nu} (x^{\nu} - x) = 0 \rightarrow \frac{1}{\nu} x^{\nu} - \frac{1}{\nu} x$$

$$x^{\nu} - x = 11 \rightarrow x^{\nu} - x = 11$$

$$(x-11)(x+10)$$

- ۳

$$+ \mu + \nu + 10$$

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$$+ \mu + \nu + 10$$

$$= 1n + 1$$

$$= 11 + 1 = 12$$

$$11n - 10 \rightarrow 11n - 10 = 10$$

$$\alpha_n = \frac{(-1)^n}{n}$$

$$\frac{(-1)^n}{n} = \frac{1}{n}$$

$$\frac{(-1)^n}{n} = -1$$

$$\frac{1}{n} + (-1) = \frac{1}{n}$$

- ۴

$$b_n = (-1)^n - V_n \rightarrow b_n = -V - 1 = -F$$

- 6

$$a_n = -\Delta n + 1 \rightarrow a_n = -\Delta K + 1 = -F$$

$$-\Delta K = -V \rightarrow K = 1F$$

- 9

$$z_1 - z_V = 1F \rightarrow n d = 1F \rightarrow d = F$$

$$z_1 - z_0 = P_0 \rightarrow d = P_0 \times F = P_0$$

$$z_1 = a_1 + P_0$$

$$z_n = a_1 + (n-1)d$$

$$z_1 = a_1 + P_0$$

$$z_1 = a_1 + P_0$$

$$z_1 + P_0 = P_0$$

$$z_V = a_1 + 1F$$

- V

$$a_n = 1F$$

$$a_p = V \quad] \quad 1F - V = 1 \quad 1 - P = F \quad F = d$$

$$a_1 = 0P$$

$$\left. \begin{matrix} b_1 = 1F \\ b_p = 1F \end{matrix} \right\} \rightarrow \left. \begin{matrix} a_1 = b_1 \\ a_p = b_p \end{matrix} \right\}$$

$$b_n = 1n - \Delta$$

$$1F = a_1 + \mu d$$

$$V = a_1 + d$$

$$-1 = -P d \rightarrow d = F \quad 1F = P$$

$$a_1 = \mu$$

$$a_n = \mu + 1 = 1$$

$$z_n = \frac{P}{Q}, \frac{1}{V}, \frac{1}{Q}, \frac{1F}{11} \rightarrow Pn - P \rightarrow Pn + \mu$$

- 1

$$P < \frac{\mu}{P}$$

$$\frac{Pn - P}{Pn + \mu} < \frac{\mu}{P} \rightarrow Pn + 9 > 1n - F$$

$$V > 1$$

$$1F > Pn$$

- 9

$$z_n = 1, 9, 9, 9, 9, \dots$$

$$PA + Qb = P \rightarrow \frac{P}{P} - \frac{Q}{P} P a = -\mu$$

$$\frac{-\mu}{P} \times P = -\frac{Q}{P} \quad \frac{Q}{P} a = -\frac{\mu}{P}$$

$$z_n = An + Bn = \frac{\mu}{P} + B = 1$$

$$A = a \quad B = b \quad C = 0$$

$$z_n = 1 \rightarrow F_3 \sigma \rightarrow a = 1 \quad | \quad c = -4$$

$$\begin{matrix} \xrightarrow{+b} & \xrightarrow{+p} & \xrightarrow{+p} \\ z_p = p_1 \rightarrow a + d = p_1 \end{matrix}$$

$$z_p = p_1 \rightarrow a + p_d = p_1$$

$$d = 0 \quad | \quad a = 14$$

$$1 + b - a = -4 \rightarrow b = -1$$

$$z_n = n^p - n - 4 \quad \sigma \cdot 1$$

$$\omega n + 1$$

$$\omega n + 1 = n^p - n - 4$$

$$pV = n^p - 4n \rightarrow pV = n(n - 4)$$

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$$n = 9$$