

Y0

الم (نوع) : IV محل بسط

$$\begin{matrix} [1] & [1, 4, 4] & [1, 4, 4, 1, 4] & \dots \\ \hline 1 & 1 & \delta & \dots \end{matrix}$$

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$\frac{11-n}{1} + 1 = 10$

$\frac{11-n}{1} + 1 = 10 \Rightarrow n = 40$

$\frac{11+40}{1} = 51$

$$[1, \dots, 1], [1, \dots, 1], [1, \dots, 1], [1, \dots, 1], [1, \dots, 1]$$

$\frac{11+40}{1} = 51$

$a_0 + a_1 + a_2 + a_3 + a_4 + a_5 + a_6 + a_7 + a_8 + a_9$

$r^k, n = ck \Rightarrow n = 0, 1, 2, 3, 4 \rightarrow r^0(1), r^1(2), r^2(3), r^3(4)$

$\left[\frac{n}{k+r} \right] M \rightarrow \left[\frac{r}{0+r} \right] + a, \left[\frac{d}{1+r} \right] + a, \left[\frac{1}{r+r} \right] + a \Rightarrow 1+a + 1+a + 1+a$

$S_0 = 1 + r + r^2 + r^3 + r^4 + r^5 + r^6 + r^7 + r^8 + r^9 \rightarrow r^0 + r^1 + r^2 + r^3 + r^4 + r^5 + r^6 + r^7 + r^8 + r^9 = 19 \Rightarrow a = -5$

$a_0 + a_1 + a_2 + a_3 + a_4 + a_5 + a_6 + a_7 + a_8 + a_9 = 19 \Rightarrow \left[\frac{r}{0+r} \right] + \left[\frac{d}{1+r} \right] + \left[\frac{1}{r+r} \right] + \dots + \left[\frac{r^9}{9+r} \right] + \dots$

$1-r + 1-r + 1-r + \dots = -5$

$9a + vb + c = 10, r$

$a = \frac{1}{v} \cdot x - \frac{1}{v} = -\frac{1}{v} = a$

$-va + vb + c = 10$

$va + vb = 10 \Rightarrow -\frac{10}{v} + vb = \frac{10}{1}$

$vb = 1 \Rightarrow b = 1$

$va - \frac{1}{v} + (8 \times 1) + c = 10 \Rightarrow c = -1$

$a_{10} = \left(\frac{10 \times 1}{-1} \right) \left(\frac{10 \times 1}{-1} \right) - 1 = 11$

$\frac{a_{10}}{a_1} = \frac{11}{1} = 11$

$a_1 = \left(\frac{10 \times 1}{-1} \right) \left(\frac{10 \times 1}{-1} \right) - 1 = 11$

$a_0 = va + b = 10$

$a_1 = va' + b$

$a_1 = 0 \Rightarrow 10a' + b = 0 \Rightarrow b = -10a'$

$a_0 = va - 10a' = -10a'$

$a_1 = va' - 10a' = -10a'$

$-va + a_0 = -10a'$

$va + a_1 = -10a'$

$a_0 = 10a' - 10a'$

$\delta a'$

$\frac{10 \times 1}{1} = 10$

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$$q(a^r + d^r + \epsilon da) = 0(a^r + \epsilon da) + \epsilon(a^r + da) \Rightarrow qa^r + qd^r + \epsilon da = \epsilon a^r + \epsilon da$$

$$\epsilon a^r = da - qd^r \Rightarrow a^r + \frac{1}{\epsilon} da - \epsilon d^r = 0$$

$$a = \begin{bmatrix} -\epsilon d \\ +\frac{1}{\epsilon} d \end{bmatrix}$$

$$a\epsilon = a\epsilon d \begin{bmatrix} -\epsilon d + \epsilon d = d \\ +\frac{1}{\epsilon} d + \frac{q}{\epsilon} d \frac{q}{\epsilon} d \epsilon d \end{bmatrix}$$

$$(a + \epsilon d)(a - \frac{1}{\epsilon} d) \Rightarrow \frac{a\epsilon}{d} \begin{bmatrix} d \\ d \end{bmatrix}$$

$$\frac{\epsilon a^r}{d} \begin{bmatrix} d \\ d \end{bmatrix}$$

$$a + d, a + d, a + d$$

$$a + \epsilon d, \frac{a}{\epsilon}, \frac{c}{\epsilon}$$

$$\frac{a + d}{\epsilon}, \frac{a + d}{\epsilon}, \frac{a + d}{\epsilon}$$

$$\frac{a + d}{\epsilon}, \frac{a + d}{\epsilon}, \frac{a + d}{\epsilon}$$

$$\frac{a + d}{\epsilon}, \frac{a + d}{\epsilon}, \frac{a + d}{\epsilon}$$

$$a, b, c$$

$$a, a + d, a + d$$

$$b, \frac{a}{\epsilon}, \frac{c}{\epsilon}$$

$$a + d, \frac{a}{\epsilon}, \frac{a + d}{\epsilon}$$

$$\frac{a^r}{\epsilon} = (a + d)(a + d) \Rightarrow \frac{a^r}{\epsilon} = \frac{a^r}{\epsilon} + \frac{\epsilon da}{\epsilon} + \frac{\epsilon d^r}{\epsilon}$$

$$\frac{\epsilon da}{\epsilon} + \frac{\epsilon d^r}{\epsilon} = 0$$

$$\frac{1}{\epsilon} d(a + \epsilon d) \Rightarrow d \neq 0 \Rightarrow \frac{\epsilon a - \epsilon d}{a - \frac{1}{\epsilon} d}$$

$$q = \frac{-\frac{d}{\epsilon}}{\frac{d}{\epsilon}} = -1$$

$$\epsilon a - 1 = -\epsilon$$

$$a, b, c$$

$$a, a + d, a + d$$

$$\epsilon a, \epsilon a, \epsilon a$$

$$\epsilon a = \epsilon a q + a q^r \Rightarrow a q^r + \epsilon a q - \epsilon a = 0$$

$$a(q^r + \epsilon q - \epsilon) = 0 \Rightarrow a \neq 0 \Rightarrow (q + \epsilon)(q - 1) = 0$$

$$q^r = (-\epsilon)^r = -4\epsilon$$

$$q = \begin{bmatrix} -\epsilon \\ +1 \end{bmatrix}$$

$$\frac{a q^r}{a^r q^r} + \frac{a q}{a^r} = r \Rightarrow \frac{q^r}{a^r} + \frac{q^{\epsilon a}}{a} = r \Rightarrow \frac{q^r + a q}{a^r} = r$$

$$\epsilon a^r = q^r + a q$$

$$\frac{a^r}{a q} \begin{bmatrix} 1 \\ -1 \end{bmatrix}$$

$$q^r + a q - \epsilon a^r = 0 \Rightarrow (q + \epsilon)(q - a) = 0$$

$$q = \begin{bmatrix} -\epsilon \\ +a \end{bmatrix}$$

$$a_c = a q^r \quad a_c = a^r q^r = a q^r \Rightarrow a q = 1$$

$$a q^r = UV \Rightarrow \underbrace{a q}_1 \times q^r = UV \Rightarrow q = r^u \quad a \times M = UV$$

$$\left(a = \frac{1}{r^u} \right)$$

$$\frac{1}{r} - \frac{1}{c} = \left(\frac{1}{q} \right) \cdot \frac{1}{p}$$

(1.)