

$$L = 3 \quad 1 \quad 1$$

$$\left[\begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right]$$

$$3 + \left[\begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right]$$

$$q = 2$$

$$u = 2$$

$$d = 3 + 1$$

$$p q = 2 \times 2$$

$$a' = k \Rightarrow k = 0$$

$$n = k + 1$$

$$3 + \left[\begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right] = 10$$

$$= \left(\frac{1}{b} + \frac{1}{a} \right) \times \dots = b \dots$$

$$a + d + a + a + 10$$

$$\left(\frac{1}{3} \right) = \frac{1}{3 \times 3} = \frac{1}{9}$$

$$\left\{ \frac{1}{b}, \frac{1}{a}, \dots \right\}, \left\{ \frac{1}{b}, \frac{1}{a}, \dots \right\}, \left\{ \frac{1}{b}, \frac{1}{a}, \dots \right\}$$

$$\left(\frac{1}{p} \right) = \frac{1}{p \times q} = \frac{1}{1 \times 4} = \frac{1}{4}$$

$$a = 1, b = 2$$

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①

②

$t : a \rightarrow a : t$

$t_1 = 0$

$\downarrow$
 $t_1 + qd = 0$

$a_f = t_f$
 $a_n = t_v$

$- a_1 + kd = t_1 + d'$
 $a_1 + vd = t_1 + qd$

$kd = ad$
 $d = \frac{ad'}{\epsilon}$

$t_{1a} = \frac{t}{\epsilon} + ad'$

$t_{1a} = \frac{\frac{ad'}{\epsilon}}{\frac{ad'}{\epsilon}}$

$\frac{ad'}{\epsilon}$

$$\frac{1}{a} = \frac{1}{a} + \frac{1}{a} = \frac{2}{a}$$

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$$(a + \frac{1}{a}) (a - \frac{1}{a}) = 0$$

$$a^2 + \frac{1}{a^2} - \frac{1}{a^2} = 0$$

$$a^2 + \frac{1}{a^2} - \frac{1}{a^2} = 0$$

$$a^2 + \frac{1}{a^2} + \frac{1}{a^2} = 0$$

$$a(a + \frac{1}{a} + \frac{1}{a}) = 0$$

$$a^2 + \frac{1}{a^2} + \frac{1}{a^2} = 0$$

(4)

$$\textcircled{3} = \frac{a}{9^{\frac{3}{1}}} \quad \frac{1}{1} = \frac{a}{b} = b$$

$$9^{\frac{1}{1}} = 9$$

$$\Rightarrow a = b$$

$$\left. \begin{array}{l} 1 \\ 3 \end{array} \right\} \Rightarrow 1 = b = \frac{b}{b}$$

$$(9^{\frac{1}{1}} + 9^{\frac{1}{1}})(9^{\frac{1}{1}} + 9^{\frac{1}{1}})$$

$$\Rightarrow 9^{\frac{1}{1}} + 9^{\frac{1}{1}} + 9^{\frac{1}{1}} + 9^{\frac{1}{1}} = 4 \times 9 = 36$$

$$a + c = 3a$$

✓

$$\textcircled{1} = 1 \times$$

$$9 = 9$$

$$9^{\frac{1}{1}} = 9$$

$$9^{\frac{1}{1}} = 9$$

$$(9^{\frac{1}{1}} + 9^{\frac{1}{1}})(9^{\frac{1}{1}} + 9^{\frac{1}{1}})$$

$$\Rightarrow 9^{\frac{1}{1}} + 9^{\frac{1}{1}} + 9^{\frac{1}{1}} + 9^{\frac{1}{1}} = 36$$

$$9^{\frac{1}{1}} + 9^{\frac{1}{1}} + 9^{\frac{1}{1}} + 9^{\frac{1}{1}} = 36$$

✓

$$\textcircled{3} = 9$$

$$a + c = 16$$

(7)

$$\frac{aq^w}{aq^k} = \frac{aq}{ar} - r$$

$$\frac{q^r}{ar} + \frac{q^{1+w}}{ar^k} = r \Rightarrow q + aq - ra^r = 0$$

$$(q + ra)(q - a) = 0$$

$$\frac{a^r}{ar}$$

$$\frac{q^r}{q^r} = 1$$

$$q = -ra$$

$$q = a$$

(7.2)

$$\frac{a^r}{ar} = \frac{1}{r}$$

$$(a_p)^T = a_s \quad (1)$$

$$a^T q^T = q q^T$$

$$a q = 1$$

$$a q^T = p^T$$

$$\Rightarrow p^T = q^T \Rightarrow q = p$$

$$a_1 = \frac{a a}{q^T} = \frac{p^T}{a_1} \Rightarrow a = -p$$

$$\frac{1}{p} - a_1 = \frac{1}{p} - \frac{1}{p} = \frac{1}{q}$$

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$$a = -\frac{1}{V} \times 1 \text{ s} = -\frac{1}{3}$$

(R)

$$a_n = -\frac{1}{3} n^2 + b n + c$$

$$a_{10} = -\frac{1}{3} \times 10^2 + 9.1$$

$$a_{10} = -\frac{1}{3} + b + c = 1 \text{ s} \Rightarrow 2b + c = 19$$

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$$a_{15} = -\frac{1}{3} \times 15^2 + 14.1 = 1 \text{ s} \Rightarrow 2b + c = 19$$

$$a_{10} = -\frac{1}{3} + b + c = 1$$

Soroush

$$\frac{1}{3} \times \frac{1}{n}$$



$$\begin{aligned} 2b &= 19 \\ b &= 9.5 \\ c &= -1 \end{aligned}$$