

$t_n: 8, 9, 10, 11, \dots \Rightarrow E_{n+1} \Rightarrow \sqrt{x} \cdot a_n \cdot E_{n+1}$ (الف)

$a_{n+2} (E_{n+1}) + 1 = \textcircled{E_1}$ (ب)

$t_n: 9, 10, 11, 12, \dots \Rightarrow a_n = E_{n+1} \Rightarrow a_{n+2} = E_{n+2} \Rightarrow \frac{F_{n+2} + 4}{F_n} \cdot x \cdot E_{n+2} = \textcircled{2E_1}$ (الف)

$E_{n+2} = F_n$ $a_{n+2} = \dots + a_{n+1}$
 $a_{n+2} = (E_{n+2} + 4) + F_n + 11$ $\frac{1E_{n+2} + 11}{F_n} \cdot x \cdot E_{n+2}$ $2F_n \cdot x \cdot E_{n+2}$ E_{n+2}
 $a_{n+2} = (E_{n+2} + 4) + F_n + 11$ (ب)

$t_n: 1 + \sqrt{2}, 2, 3 - \sqrt{2}, \dots \Rightarrow d_n: 2 - 1 - \sqrt{2} = \textcircled{1 - \sqrt{2}}$
 $d_n: 1 - \sqrt{2}$ $t_{n+2} - t_{n+1} = d_n$ $(E_{n+2} - \sqrt{2}) - (E_{n+1} - \sqrt{2}) = \textcircled{1 - \sqrt{2}}$ (ب)

$a_n = \delta^{2n}, \dots, \delta^{2n}, \delta^4$
 $\delta^{2n} \cdot \delta^4 = \delta^{2n+4}$
 $n, 2, 4 \Rightarrow n+4 = 2$
 $n = 2 - 4$
 $\delta^4 (2 \cdot \delta^{2n}) + (2 \cdot \delta^{2n}) \Rightarrow \delta^{2n} (2 + 2) =$
 $\delta^{2n} \cdot 2 = \delta^4$ $y = 2n + 1$
 $y = 2(E - 4) + 1 \Rightarrow y = 1 - 4 + 1$
 $y = 2 - 4$ $2y = 4$ $y = 2$ $n = 1$
 $n, y = 2$ (ب)

$t_n: 1, t_{n-1}, a_{n-1}, \dots$
 $t_n - 1 = t_{n-1} - 1 + a_{n-1}$ $E_n - 1 = 1 - E_n - 1$ $F_n = 2 + 1 = \textcircled{3}$
 $1 - E_n, 1 - 1, 1 \Rightarrow -1, 0, 1 \Rightarrow \textcircled{d = 1}$ $a_n = F_n - 1$
 $a_n = E_{n+1} - 1 = \textcircled{1}$ (ب)

$$a_n = 2d/V_1 \dots b_n = 2d/V_1 \dots$$

$$r_{n+1} \approx (r_n) + 1 \approx \epsilon$$

$$c_{n-1} \approx (c_n) - 1 \approx \delta$$

$$r_{n+1} = r_n - 1$$

$$d_{p.p.5} \approx 4$$

$$d_1, 11, 10, \dots$$

$$n=2$$

$$c_{n-1}$$

$$q_n - 1 \approx \epsilon$$

$$a_n \approx \epsilon$$

$$n \approx V$$

$$UV$$

$$a_1, c_1, r_1, a_2, c_2, r_2$$

$$c_{n1} + v_{d1} = 1$$

$$a_1 + a_2 + a_3 = 1.8$$

$$c_{n1} + v_{d1} = 1.1$$

$$a_p - a_r + a_1 = ?$$

$$a_1$$

$$\frac{d+a_1}{a_1} = \frac{r_1+1}{-1}$$

$$c_{n1} + c_{d1} - c_{n1} - v_{d1} = 1.1$$

$$+ v_{d1} = 1.1$$

$$d_2 \approx 1.1$$

$$a_1 \approx 1.1$$

$$\left(-\frac{V}{1} \right) = \left(-\frac{1}{1} \right)$$

$$c_{n1} + v_{d1} = 1.8$$

$$c_{n1} + v_{d1} = 1.8$$

$$r_1 \quad c_{n1} + v_{d1} = 1.8$$

$$c_{n1} + v_{d1} = 1.8$$

$$r_1 \quad c_{n1} + v_{d1} = 1.8$$

$$c_{n1} + v_{d1} = 1.8$$

$$1.8 d_2 \approx 1.8$$

$$c_{n1} + 1.8 = 1.8$$

$$c_{n1} \approx 1.8$$

$$d_2 \approx 1.8$$

$$a_1 \approx 1.8$$

$$a_1 = 1.8 \approx 1.8$$

$$S_1 = 1.8 \approx 1.8 \Rightarrow 1.8 a_1 + c_{n1} = 1.8 (1.8 + c_{n1}) \Rightarrow 1.8 a_1 + c_{n1} = 1.8 (1.8 + c_{n1})$$

$$1.8 a_1 = 1.8$$

$$d_2 \approx 1.8$$

$$\frac{1.8 a_1}{1.8} \Rightarrow \frac{a_1 + 1.8 (1.8 a_1)}{a_1 + 1.8 (1.8 a_1)} = \frac{1.8 a_1}{1.8 a_1} = 1.8$$

$$a_1 = 1.8$$

$$a_1 = 1.8$$

$$d_2 = \frac{1.8 - 1.1}{1} = 0.7$$

$$a_1 = 1.8 + 1.8 (1.8) = 4.5$$

$$(1.8) \approx 1.8$$

$$a_1 = 1.8$$

$$a_2 = 1.8$$

$$a_n = 1.8$$

$$d_2 = \frac{1.8 - 1.1}{1} = 0.7$$

$$1.8 = 1.8 + (n-1)(1.8 - 1.1)$$

$$1.8 = 1.8 + (n-1)(0.7)$$

$$0.7n = 0.7 \Rightarrow n = 1$$

$$1.8 + 1.8 (1.8) = 4.5$$