

(Suppose)

14

6/1/2016

$$a_1 = \varepsilon_0$$

$$a_2 = \eta_1$$

$$\frac{a_1 - \varepsilon_0}{\mu} = V = d$$

$$a_n = Vn + \mu\mu$$

$$\mu_0 1 - \mu\mu = Vn$$

$$n = \mu a$$

(1)

$$Vn + \mu = a_n$$

(2)

$$999 \geq Vn + \mu \geq 100 \quad 100 \mu \geq Vn \geq 10 \quad \left((1 \varepsilon \mu - 1 a) + 1 \right) = 119$$

$$n = 1 \varepsilon, \dots, 1 \varepsilon \mu / \mu \dots \rightarrow 1 \varepsilon \mu - 1$$

$$n = 1 a, \dots, 1 \varepsilon \mu$$

$$a_{n+1} + a_{n+\mu} + a_{n+\mu^2} = -g_{n+1} \mu \rightarrow$$

(3)

$$a_{19} + a_{14} + a_{19} = -g_{n+1} \mu \quad a_{17} + a_{11} + a_{9} = -g_{n+1} \mu$$

$$\mu a_{14} = -g_{n+1} \mu \quad a_{14} = -\mu n + \varepsilon, \quad \mu a_{11} = -g_{n+1} \mu \quad n = 9$$

$$a_{14} + a_{11} = -\mu 9 - 1 = -\mu \varepsilon$$

$$\left. \begin{array}{l} \mu^x - 1, \mu^{x+1}, \mu^{\mu x} \\ n = \mu, \quad n = 1, \quad n = 1 \mu \end{array} \right\} \rightarrow \begin{array}{l} \mu^x - 1 + \mu^x - \mu = \mu^{x+\mu} \\ \mu^x + \mu^{\mu x} - \mu = \mu^{x+\mu} \end{array}$$

(4)

$$\begin{array}{l} \mu^{\mu x} (1 + \mu^{\mu x}) = \mu^{\mu x} (\mu^x + \mu^{\mu x}) \\ 1 + \mu^{\mu x} = \mu^x + \mu^{\mu x} \Rightarrow 0 = \mu^x - 1 \\ 1 + \mu^{\mu x} = \mu^x \left(1 + \frac{1}{\mu^{\mu x}} \right) \Rightarrow \mu^x = \frac{1 + \mu^{\mu x}}{\frac{1}{\mu^{\mu x}} + 1} = \frac{1 + \mu^{\mu x}}{\frac{1 + \mu^{\mu x}}{\mu^{\mu x}}} = \mu^{\mu x} \end{array}$$

$$\begin{cases} a_{10} - a_{11} = \omega \\ a_{11} - a_{10} = \omega \end{cases} \rightarrow d = \frac{1}{2}\omega \quad \begin{cases} \gamma a_{10} = \gamma_0 \\ a_{11} = 10 \end{cases} \quad \begin{cases} a_{10} + a_{11} = 2\omega \\ a_{10} = 1\omega \end{cases} \quad a_n = a_n - \gamma d$$

$$a_{11} = \gamma_0 \quad \rightarrow \gamma a_1 + \gamma d = \gamma_0 \rightarrow a_1 = -11\gamma \omega$$

$$a_{11} = a_1 + \gamma d \rightarrow -\frac{11\omega}{\gamma} + \gamma \left(\frac{\omega}{\gamma} \right) = \gamma_0 \quad (9)$$

$$a_1 + a_2 + a_3 + a_4 + a_5 = \frac{1}{\gamma} (a_1 + a_2 + a_3 + a_4 + a_5)$$

$$\omega a_3 = \frac{1}{\gamma} (\omega a_1) \Rightarrow a_3 = \frac{1}{\gamma} a_1$$

$$\begin{cases} a + \gamma d = \frac{1}{\gamma} a + \frac{\gamma}{\gamma} d \\ \frac{\gamma}{\gamma} a = \frac{1}{\gamma} d \rightarrow d = \gamma a \end{cases} \quad \begin{cases} a + d = a_2 \\ \gamma a = a_2 \end{cases}$$

$$t_n = t_{n-1} + 1 \quad t_9 - t_0 = (t_9 + t_0)(t_9 - t_0)$$

$$t_9 = t_9 + 1 \rightarrow a + 1d = a + \omega d + 1 \quad \gamma d = 1 \quad d = \omega$$

$$t_9 - t_0 = \frac{\gamma_0 t_9 + \gamma_0 t_0}{a + \gamma d} = \frac{\gamma_0 a + \gamma_0 d + \gamma_0 a + 1 \gamma d}{a + \gamma d}$$

$$\frac{\gamma_0 a + \gamma_0 d}{a + \gamma d} = \frac{\gamma_0 a + \gamma_0 d}{a + \gamma d}$$

$$\frac{\gamma_0 a + \gamma_0 d}{a + \gamma d} = \frac{\gamma_0 a + \gamma_0 d}{a + \gamma d}$$

$$d = \frac{\gamma_0 a + \gamma_0 d}{a + \gamma d} = \frac{\gamma_0 a + \gamma_0 d}{a + \gamma d}$$

