

$$d_1 + d_2 \rightarrow d_a + l.d$$

$$\mu \omega \rightarrow \omega a + r \omega d$$

$$r'(2a + 1 \cdot d) = 2a + r'd$$

$$|a + r'd| = |a + r'd|$$

$$1. u = \partial d$$

$$a = \frac{d}{r}$$

$$\frac{a_r}{a_i} = \frac{a+d}{a} = \frac{\frac{d}{r} + d}{\frac{d}{r}} = \frac{\frac{rd}{r}}{\frac{d}{r}} = r$$

$$t_1 = a + 1d, t_2 = a + fd, t_v = a + 4d \rightarrow t_1 = a + f_0, t_2 = a + r_0, t_v = a + r_0$$

$$t_n = t_{n-r} + 1\Delta \rightarrow t_n - t_{n-r} = 1\Delta \rightarrow a + (n-1)d - a + (n-r)d = r d \rightarrow r d = 1\Delta$$

$$\frac{1}{r} \quad d = \Delta$$

$$\frac{t_1^r - t_2^r}{t_v} = \frac{(a+f.)^r - (a+r.)^r}{a+r.} = \frac{r. (ra+y.)}{a+r.} = \frac{f. (a+r.)}{a+r.} = f. \quad \checkmark$$

$$\frac{r(1 - \sqrt{r})}{(1)} = \frac{r - r\sqrt{r}}{(1)}, \quad \frac{r + \sqrt{r}}{(2)} \rightarrow ar = a + 13d \quad (1) + 13d = (2)$$

$$r - 11\sqrt{r} + 13d = r + \sqrt{r} \rightarrow 13d = r - r + \sqrt{r} + 11\sqrt{r} = 12\sqrt{r}$$

$$d = \frac{14\sqrt{r}}{14} = \sqrt{r} \quad \checkmark$$

$r_1, r_2 \rightarrow r_1, s, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z$

$$a_n + a_{n+r} = a_r + a_{14} \rightarrow a + (n-1)d + a + (n+r)d = a_1 + 7d + a_1 + 14d$$

$$\rightarrow 2a_1 + r(n+d) - d + 7d = 2a_1 + 14d = r(n+d) = 14d = nd = 14d$$

$\checkmark n=14$

$$a_1 = r(a_\epsilon) \Rightarrow \cancel{a} + \cancel{v}d = \cancel{r}d + \cancel{q}d \Rightarrow r_a + r_d = 0$$

$$a + d = 0 \rightarrow a + d = a_r$$

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