

$$a \rightarrow r, \omega, v, 4, 11, 13, 15, 17$$

$$a_n = a_1 + (n-1)d \rightarrow r + (n-1)r \rightarrow r + rn - r \rightarrow rn$$

$$b \rightarrow 1, \omega, \lambda, 11, 13, 15, 17$$

$$b_n = b_1 + (n-1)d \rightarrow r + (n-1)r \rightarrow r + rn - r \rightarrow rn$$

$$a_{r0} = r1 \quad b_{r0} = \omega 4$$

$$a \cap b \rightarrow \omega + (n-1)d \rightarrow \omega + 4n - 4 \rightarrow 4n - 1$$

$$r1 = 4n - 1 \rightarrow 4n = r1 + 1 \rightarrow n = \frac{r1+1}{4}$$

$$a_1 + a_r + a_r = r1 \rightarrow r a_1 + r d = r \rightarrow a_1 + d = v$$

$$a_1 + a_r + a_{10} = 10\omega \rightarrow r a_1 + r d = 10\omega \rightarrow a_1 + r d = 10\omega$$

$$\begin{cases} a_1 + d = v \\ a_1 + r d = 10\omega \end{cases} \rightarrow d = r1 \quad a_1 = v - r1 = -r1$$

$$\frac{a_r - a_1 + a_1}{a_1} = \frac{a_1 + r d - a_1 - d + a_1}{a_1} \Rightarrow \frac{a_1 + d}{a_1} \rightarrow \frac{-r1 + r1}{-r1} \rightarrow \frac{v}{-r1} = \frac{-1}{r}$$

$$a_1 + a_r + a_r = 10\omega \rightarrow r a_1 + r d = 10\omega \rightarrow \frac{a_1 + d}{a_1} = \frac{10\omega}{r}$$

$$a_r + a_{10} = r\omega \rightarrow r a_1 + v d = r\omega \rightarrow \frac{r a_1 + r d + \omega d}{10} = r\omega \rightarrow \omega d = 10\omega \rightarrow d = r$$

$$a_1 = 10 - r = r$$

$$a_n = a_1 + (n-1)d \rightarrow r + rn - r \rightarrow rn$$

$$a_{10} = r(10) - 1 = r9$$

$$S_9 = 4 S_r$$

$$a_{r0} \rightarrow a_1 + 14d \rightarrow 14\omega d$$

$$\hookrightarrow \frac{n}{r} (ra_1 + (n-1)d) = 4 \left(\frac{n}{r} (ra_1 + (n-1)d) \right)$$

$$a_v = a_1 + 4d \rightarrow 4\omega d$$

$$\hookrightarrow \frac{9}{r} (ra_1 + 1d) = \frac{rv}{r} (ra_1 + rd)$$

$$\frac{a_{r0}}{a_v} = \frac{14\omega d}{4\omega d} \Rightarrow r$$

$$\hookrightarrow ra_1 + 1d = 4a_1 + 4d$$

$$\hookrightarrow ra_1 = rd \rightarrow a_1 = d$$

$$\hookrightarrow a_1 = \frac{d}{r}$$

$$a_1 = 11 \quad a_v = r\omega \rightarrow a_1 + 4d = r\omega$$

$$a_1 = r1$$

$$a_r = a_1 + r d \rightarrow r1 + r d = r r$$

$$\begin{cases} 11 = a_1 \\ r\omega = a_1 + 4d \end{cases} \rightarrow r r = 4d \rightarrow d = r$$

$$10 = -r d \rightarrow d = -10$$

$$a_n = 11 \rightarrow a_1 + (n-1)d \Rightarrow r1 - \omega n + \omega$$

$$\hookrightarrow r r - \omega n = 11 \rightarrow \omega n = r r \rightarrow n = r$$

$$a_n = 11 + (n-1)r \rightarrow rn + v$$

$$a_r = 14 + v = r r$$

$$r1, \quad \quad, r r$$

$$(1) \quad \quad (4)$$