

$$4(a+d)r = \omega(a+rd)a + r(a+d)a \quad a = \frac{-d \pm \sqrt{\Delta}}{r}$$

$$4ar^2 + 4rad + 4dr^2 = \omega ar^2 + \omega ad + ra^2 + rad \quad a = \frac{-d \pm \sqrt{\Delta}}{r}$$

$$4ar^2 + 4rad + 4dr^2 = ra^2 + rad \quad a = \frac{r}{r}d \quad a_f = \frac{r}{r}d + rd = \frac{qd}{r}$$

$$4dr^2 = ra^2 + ad$$

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

$$a_f = \frac{r}{r}d + rd = \frac{qd}{r}$$

$$0 = -4dr^2 + ra^2 + ad$$

$$a = -rd$$

$$a_f = -rd + rd = d$$

$$b - a = c - b \Rightarrow c = rb - a \quad \text{ب } b \text{ ضرب}$$

$$\frac{a}{b} = \frac{c}{r} \Rightarrow \frac{a}{rb} = \frac{c}{ra} \Rightarrow rb \times ra = cab \Rightarrow a \times ra = c \times rb$$

$$ra^2 = rbc \Rightarrow a^2 = bc \rightarrow a^2 = b(rb - a) = rb^2 - ab \Rightarrow a^2 + ab - rb^2 = 0$$

$$b = ar \quad c = ar^2 \Rightarrow ra - rb = c - ra \Rightarrow ra - rar = ar^2 - ra$$

$$\frac{r}{a} - \frac{rar}{a} = \frac{ar^2}{a} - \frac{ra}{a} \Rightarrow a(r - rr) = a(r^2 - r) \Rightarrow r + r = r^2 + rar \Rightarrow r = r^2 + rr$$

$$r^2 + rr - r = 0 \quad r = \frac{-r \pm \sqrt{\Delta}}{r} = \frac{-r \pm a}{r}$$

$$r = 1 \quad \text{ب } r \text{ ضرب}$$

$$r = -r$$

$$\frac{ar}{ar} = \frac{ar^2}{ar^2} = r^2 = (-r)^2 = -rf$$

$$\frac{ar^2}{ar^2} + \frac{ar}{ar} = \frac{r^2}{a^2} + \frac{r}{a} = r \Rightarrow \left(\frac{r}{a}\right)^2 + \frac{r}{a} - r = 0 \quad \text{ب } a \text{ ضرب} \Rightarrow 1 \frac{r}{a} - r$$

$$\frac{a^2}{a^2} = \frac{a^2}{ar} = \frac{a}{r} = 1 \frac{r}{a} - r$$

$$ar = ar^2$$

$$rf = ar^2$$

$$ra = ar^2$$

$$ar = \sqrt{ar \times ar} \Rightarrow ar^2 = \sqrt{ar \times ar^2} = \sqrt{ar^3} = ar^{\frac{3}{2}} \Rightarrow ar^2 = ar^{\frac{3}{2}} \quad \frac{ra}{10}$$

$$ar = rv \Rightarrow ar = a \times r = rv \Rightarrow a = rv$$

$$\frac{1}{r} - a_1 = \frac{1}{r} - rv = -r/10$$

$$r(r - ra) = 1$$

$$r^2 - ra = 1$$

$$r = 1 \quad r = -1$$

$$-24, 10$$