

NUMBER:

3rd Spring 2014

$$t_n = \omega, q, \frac{1}{\mu}, \frac{1}{V}$$

$$|a_n - r_{n+1}|$$

(الف)

①

$$C_{y_0} = K(1.9) + 1 = 6.1$$

$$d = \{ S_{10} = \frac{1}{r} (x(9) + A(1)) = 9.5 \}$$

الف).....

⑤

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$$\Rightarrow a + 9 = f(99) + 9 = 111$$

$$C_{PV} = R \quad (C_{PV} + R = R_0)$$

10 $S_f = \frac{F}{F} (1 + 1\%) = 1.99$

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$$1 + \sqrt{x} + \sqrt{x} + \dots$$

$$a_H - a_F = 1$$

$$d = 1 - \sqrt{r}$$

$$\overbrace{a + r \cdot d} = (a + r \cdot d) = r \cdot d \Rightarrow r(1 - \sqrt{r}) = r - r \cdot \sqrt{r}$$

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$$a_n = \frac{ay + a^m}{x} = x a^m \rightarrow ay + a^m = x a^n \rightarrow ay = x a^n - a^m$$

$$20 \quad \frac{n+y}{r} = x \rightarrow n+y = x \rightarrow y = x - n$$

$$\omega_y = \omega(\omega)$$

$$\omega_y = \omega^{r_m+1}$$

$$y = \tan^{-1} x$$





$y =$

$$xy = 4$$

$$\textcircled{1} + \textcircled{5} \Rightarrow y = x - m$$

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For

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$\Rightarrow \sim$

$$n=1$$

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$$v(n+1) = 1n - 1 \rightarrow m = \frac{1}{r} \quad \text{--- 19.9.7 ---} \quad a_1 = 1n - 1 = 1 \quad (1)$$

$\Rightarrow n = 1$

$$4n-1, \{r\} \quad \text{pp. } (2n+1) \rightarrow r1 \quad (2)$$

$$4n \leq r \rightarrow n \leq \frac{r}{4} \quad (3n-1) \xrightarrow{n=r_1} \omega 9$$

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$$a_r = d + a_r + a_r + d \Rightarrow r a_r = r1 \Rightarrow a_r = 1 \quad (1)$$

$$a_r = r d + a_r + a_r + r d \Rightarrow r a_r = 1.5 \Rightarrow a_r = \frac{1}{2} r$$

$$r d - v = r n + a_r (-n) = \frac{1}{-r1} = -\frac{1}{r}$$

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$$a_1 + a_r + a_r = 1.5 \Rightarrow r a_r = 1.5 \quad (1)$$

$$a_1 = a_r + 1.5 d = 1.5 + r d = 1.5$$

$$a_r + r d + a_r + r d = 1.5$$

$$1.5 + 2r d = 1.5$$

$$\underline{\underline{d = 0}}$$

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$$\frac{a}{r} (a_1 + a_9) = 9 \left(\frac{1}{r} (a_1 + a_r) \right) \rightarrow a_1 + a_9 = r a_1 + r a_r \quad (4)$$

$$\rightarrow r a_1 = a_9 - r a_r \rightarrow r a_1 = a_1 + 1.5 d - r (a_1 + r d)$$

$$\rightarrow r a_1 = r d \Rightarrow a_1 = \frac{d}{r} \Rightarrow \frac{a_r}{a_1} = \frac{a_1 + 1.5 d}{a_1 + r d} = \frac{r a_1 + 1.5 d}{r a_1 + r d} = \frac{r}{r} = 1$$

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$$d = r a_1$$

$$d = \frac{r d - 1.5}{r} = 1 \quad a_n = 1n + 1.5 \rightarrow a_1 = 2.5 \quad (1.5)$$

$$d = \frac{r d - 1.5}{r} = -1 \quad a_n = -1n + 1.5$$

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$$r1, \dots, r, 1n, 1.5$$

$\omega 1.5$

SHAHAB