

Subject.  $\frac{c}{\text{موضوع}}$

$\frac{c}{\text{المادة}}$

$\frac{c}{\text{الصف}}$

$T_0$

Day. Month. Year.

$$a^r + ra = a^r - \varepsilon \quad (1)$$

$$ra = -\varepsilon$$

$$\boxed{a = -r}$$

$$r + b = r$$

$$b = -1$$

$$\frac{r+a}{r+1} = r$$

$$r+1$$

$$\varepsilon + a = 1$$

$$a = 1$$

$$f(1) = \frac{1+1}{r+1} = \frac{1r}{r} = \varepsilon$$

$$f(n) = \frac{\varepsilon n + 1}{a(n+1)(n-\varepsilon)} = \frac{\varepsilon n + 1}{a(n^r - r^2 n - \varepsilon)} = \frac{\varepsilon n + 1}{r n^r - 4n - 1}$$

$$a = r$$

$$f(1) = \frac{a}{r - 4 - 1} = \frac{a}{-1r}$$

$$\frac{a^r - \sqrt{r}}{a'(n+1)^r} = \frac{n^r - \sqrt{r}}{a n^r + r a n + a'} \Rightarrow a' = -\varepsilon$$

$$a = -1 \quad b = -\varepsilon \quad a + b = -1r$$

$$m^r - \varepsilon < 0$$

$$(n-1)^r = a^r - r a + 1$$

$$-r < m < r \quad \cup$$

$$m = -r \Rightarrow m \in [-r, r]$$

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$$a = 0$$

$$D_f = IR = \left(-\frac{1}{r}, \frac{1}{r}\right)$$

(4)

$$r \frac{1}{a^r} > 0$$

$$r a^{r-1} > 0$$

$$r a^r > 0$$

$$a > \frac{1}{r}$$

$$a, r - \frac{1}{r}$$

m)

(v)

$$r m^r - \epsilon m < 0$$

$$r m (m-1) < \epsilon$$

$$m \in [0, 1]$$

$$\frac{0}{+d - p+}$$

(^)

$$f(m) = \begin{cases} \frac{(r m + 1)(r m - 1)}{r m - 1} \\ r m + k \end{cases}$$

$$a \neq a \Rightarrow a = \frac{1}{r}$$

$$a = \frac{1}{r} \quad f(m) = g(m) = r$$

$$r \times \frac{1}{r} + k = .$$

$$k = 0$$

$$a + k = \frac{1}{r}$$

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$$\frac{(rn - r)(rn + r)}{rn + r} \quad a + \frac{1}{r}c$$

$$rn + r$$

$$ra + r$$

$$x = \frac{1}{r}c$$

$$f(x) = g(x)$$

$$r = 1 \quad \frac{a}{2} = 1 = rn + b \quad \Rightarrow \quad x = \frac{-r}{r} \quad g(x) = f(x) = -\epsilon$$

$$1 = r + b$$

$$-r = b$$

$$-ra + r = -\epsilon$$

$$-ra = -\epsilon - r$$

$$a = r$$

$$a - b = \epsilon$$

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$$r = ra + ra$$

$$r = a + a$$

$$r = a + a - r$$

$$a = \frac{-r + r}{-1}$$