

Σελ 60 μ8

$$g(n) = P(\tan^n n + \sqrt{r} \cos n)$$

$$g'(x) = \left( \frac{r}{1} \right) \left( 1 + \frac{1}{\tan^n r} \right) + \frac{-\sqrt{r} \sin n}{\frac{\sqrt{r}}{r}} \left( P(\tan^n n + \sqrt{r} \cos n) \right)$$

$$\rightarrow \frac{\sqrt{r}}{r} = P'(r)$$

$$P(n) = \frac{1 + \cos^n r}{r - \cos^n r} = \frac{r - r \cos^n r + \cos^n r}{r - \cos^n r}$$

$$\frac{r - r \cos^n r + \cos^n r}{r - \cos^n r} - \frac{r}{r - \cos^n r} = \frac{\cos^n r - r \cos^n r}{r - \cos^n r} = -\cos^n r$$

$$\rightarrow +\sin n \quad n = \frac{y \cdot x}{y} \Rightarrow -\frac{y}{x}$$

$$\begin{aligned} & r n - r \sqrt{a n} \rightarrow r \sqrt{a n} \rightarrow 1 \sqrt{a n} \\ & (r - r n) \sqrt{a n} \rightarrow -r \sqrt{a n} \\ & A \left( \frac{r}{x} a \right) = r \sqrt{y} \Rightarrow \sqrt{r a} = \sqrt{a} \Rightarrow a = \frac{r}{4} \end{aligned}$$

$$y = a n + r$$

$$\frac{P(r)}{r} + \frac{P'(r)}{r} = -1$$

$$r - r a + -a = -1 \rightarrow r = a a \rightarrow a = \frac{r}{2}$$

$$\frac{P'(r)}{r} = \frac{r}{2}$$

$$g = \frac{n + d}{v}$$

$$\frac{a n - 1}{v n + 1} = \frac{n + d}{v} =$$

$$v a n - v = v n r + 1 d n + n a d \rightarrow v n r + (1 d - v a) n + 1 r = 0$$

$$1 d - v a = -1 r \rightarrow v a = r a \rightarrow a = \frac{r}{2}$$

$$\Lambda + 12a - b = 0 \Rightarrow \Lambda \overset{(-14)}{-12} - b = 0 \rightarrow b = -14\alpha$$

$$12a + a \rightarrow 11a = 0 \Rightarrow a = -12 \quad b - a = -14 + 12 = -2$$

(4)

(5)

$$\frac{\sqrt{n+1}}{\sqrt{n-1}} = \frac{1}{\frac{1}{\sqrt{n-1}}} \rightarrow \sqrt{n} = \frac{1}{\sqrt{n-1}} \rightarrow n = \frac{1}{n-1}$$

$$\frac{\frac{1}{\sqrt{n-1}}}{\frac{1}{\sqrt{n-1}}} = \frac{\frac{1}{\sqrt{n-1}}}{\frac{1}{\sqrt{n-1}}} = \frac{1}{1} = 1$$

$$\frac{1}{\sqrt{n-1}} = \frac{1}{\sqrt{n-1}} \Rightarrow \frac{1}{\sqrt{n-1}} = \frac{1}{\sqrt{n-1}} \Rightarrow \frac{1}{\sqrt{n-1}} = \frac{1}{\sqrt{n-1}}$$

(6)

$$\frac{1 - \Lambda(-a+1)}{1 - (-1)} = -1 \rightarrow -1 = 1 + \Lambda a \rightarrow -2 = \Lambda a \Rightarrow a = -\frac{2}{\Lambda}$$

(7)

$$f(0) = 14$$

$$(n+1)^r \left(-\frac{1}{r} n+1\right) = \frac{r}{12} \left(\frac{1}{r} n\right) \left(-\frac{1}{r} n+1\right) - \left(-\frac{1}{r}\right) \left(\frac{1}{r} n+1\right)^r = 14$$

(8)

$$\frac{\sin \frac{\pi}{r} \cos \pi - \sin \frac{\pi}{r} \cos \frac{\pi}{r}}{\sin \frac{\pi}{r} \cos \frac{\pi}{r} - \left(\sin \frac{\pi}{r} \cos \frac{\pi}{r}\right)} = -1$$