

$$g'(x) = f'(\tan^r + \sqrt{r} \cos) \times r \tan(1 + \tan^r) + (-\sqrt{r} \sin)$$

$$g'(\frac{\pi}{r}) = f'(r) \times r$$

$$g'(\frac{\pi}{r}) = f'(r) \times r \quad f'(r) \times r = \sqrt{r} \quad f'(r) = \frac{\sqrt{r}}{r}$$

$$f(x) = \frac{1 + \cos^r}{r - \cos^r} = \frac{(r + \cos)(r + \cos^r + -r \cos)}{(r + \cos)(r - \cos)} \quad f'(x) = \frac{(r \cos + r \sin)(r - \cos) - (\sin)(r \cos)}{(r - \cos)^2}$$

$$g(x) = \frac{r}{r - \cos x} \quad \frac{-(-\sin x) \times r}{(r - \cos)^2} = \frac{1}{r - \cos} = \frac{14}{r - \cos}$$

$$\frac{4 + r\sqrt{r}}{r + \sqrt{r}} = \frac{1 + \sqrt{r}}{9} \quad \sin \frac{\sqrt{r}}{4} = -\frac{1}{r} \quad \cos \frac{\sqrt{r}}{4} = -\frac{\sqrt{r}}{r}$$

$$\frac{r}{r} + (r - r) \sqrt{an} \quad r \times \sqrt{an} + \frac{d}{r \sqrt{an}} \times r - r \quad \frac{1an + 1an - r_a}{r \sqrt{an}}$$

$$\frac{r}{r} - (-r + r) \sqrt{an} \quad -r \times \sqrt{an} + \frac{d}{r \sqrt{an}} \times (-r + r) \quad \frac{-1an - 1an + r_a}{r \sqrt{an}}$$

$$\frac{-1an + r_a}{r \sqrt{an}} = \frac{1an - r_a}{r \sqrt{an}} \quad \frac{-r \tan + 4a}{r \sqrt{an}} = r \sqrt{4}$$

$$\frac{-11a + 4a}{r \sqrt{\frac{r}{r}} a} = \frac{-12a}{r \sqrt{\frac{r}{r}} a} = r \sqrt{4}$$

$$\sqrt{\frac{a}{r} a} = 12a \quad \sqrt{\frac{r}{r} a \times r} = 12a$$

$$14 \times \frac{a}{r} = 12a \quad a = \frac{1}{r}$$

$$y = r - ax$$

$$r - fa + (-a) = -1$$

$$r - 2a = -1 \quad -2a = -r \quad a = \frac{r}{2}$$

$$f'(t) = -a \quad f'(t) = -\frac{r}{2}$$

$$vy = a + x \quad y = \frac{a}{v} + \frac{x}{v}$$

$$\frac{a(r^{n+1}) - r(an-1)}{(r^{n+1})^r} = \frac{1}{v}$$

$$\frac{an-1}{r^{n+1}} = \frac{a}{v} + \frac{x}{v}$$

$$van - v = (0+x)(r^{n+1})$$

$$van - v = 10n + 0 + r^n r + n$$

$$r^n r + (14 - va)n + 1r$$

$$(14 - va)^r - r(r)(1r) = 0$$

$$14 - va = 1r \quad -va = -r$$

$$14 - va = -1r \quad a = \frac{r}{v}$$

$$-va = -rn$$

$$a = r$$

$$1 - r = -b$$

$$b = -14 \quad -14 + 1r = -r$$



$$r^n r + a \quad 1r + a = 0 \quad a = -1r$$

$$\frac{f'(n)f'(a) + f''(n) \times f(n)}{n(1 - \cos n)^{n-1}} = r r \sqrt{r} \quad f' = n(\sin(2r))^{n-1}$$

$$f'(n) \propto f(x) = 0$$

$$\frac{\sqrt{y} + 1}{\sqrt{y} - 1} = n \quad n\sqrt{y} - n = \sqrt{y} + 1$$

$$n\sqrt{y} - \sqrt{y} = n + 1 \quad \sqrt{y} = \frac{n+1}{n-1}$$

$$y = \left(\frac{n+1}{n-1}\right)^2$$

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

$$4x - r = -1r$$

$$\frac{f(0) - f(-1)}{+1} = -11$$

$$1 - (\lambda)(-a+1)$$

$$\lambda a - v = -11 \quad \lambda a = -r \quad a = \frac{1}{r}$$

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

$$1r \times r$$

$$r \times 1 + -r = 0$$

$$\frac{f\left(\frac{\pi}{r}\right) - f\left(\frac{\pi}{r}\right)}{\frac{\pi}{r}} = \frac{1 \times -1 - \frac{\pi}{r} \times 0}{\frac{\pi}{r}} = -\frac{r}{\pi}$$



$$\frac{f\left(\frac{\pi}{r}\right) - f\left(\frac{\pi}{r}\right)}{\frac{\pi}{r}} = \frac{1 - 0}{\frac{\pi}{r}} = \frac{r}{\pi}$$

$$-\frac{\frac{\pi}{r}}{\frac{\pi}{r}} = -1$$

$$\sin^r - \cos^r \rightarrow (\sin^r + \cos^r)(\sin^r - \cos^r) = -\cos^r n$$

$$-\cos n$$

$$\cos \frac{\pi}{r}$$