

$m_{\omega} \Rightarrow y_{\omega, \text{part}} \quad \Delta = \omega \cdot 1 \quad \boxed{m = \frac{\omega}{r}}$

$f(r) = m_{\omega} \Rightarrow \boxed{f(r) = \frac{\omega}{r}}$

α / β

$m_{\alpha\beta} = \frac{\Delta y}{\Delta x} \Rightarrow \frac{r-1}{r-(-1)} = \frac{1}{r}$

β / α

$y = \frac{1}{r}(m + t)$

$y_{\omega} = y_f \Rightarrow \frac{A + \varepsilon}{r} = \sqrt{\Delta A - 1} \Rightarrow (A + \varepsilon)^2 = r(\Delta A - 1) \Rightarrow A^2 + 2A\varepsilon + \varepsilon^2 = r\Delta A - r$

$A^2 + (2r - \Delta)A + r\varepsilon^2 = 0$

$\Delta = 0 \Rightarrow 2r - \Delta = \pm 1 \Rightarrow \begin{cases} \uparrow -1/4 \text{ } \overline{000} \\ \downarrow 1/4 \text{ } \overline{00} \end{cases} \quad (A - \Delta)^2 = 0 \Rightarrow A = \Delta$

$f(r) = f(\Delta) = m y \Rightarrow \frac{1}{\sqrt{1 - \Delta}} = \frac{1}{r} \Rightarrow \boxed{f(\Delta) = \sqrt{1 - \Delta} = r}$

$f(m) = g(m)$

$f'(m) = g'(m) \Rightarrow \frac{r^m + m r + 1}{m + r} \rightarrow \frac{r^m + m r + 1}{(m + r)^2} - \frac{(r^m + m r + 1)'}{(m + r)^2} = \frac{r^m}{\varepsilon} \Rightarrow \frac{r^m + 4m + r m - 1}{(m + r)^2} = \frac{r^m}{\varepsilon}$

$g'(m) = \frac{r^m}{\varepsilon} \quad \varepsilon m^r + r \varepsilon m + r m - r^2 = r^m + 1 + r m + r v \quad m^r + 4m + r m - r^2 = 0 \xrightarrow{\Delta = 0}$

$\Delta = 4 - \varepsilon(1 + r m - r^2) = 0 \Rightarrow -\varepsilon r m = 1 - 4 \Rightarrow \boxed{m = \frac{1}{r}}$

$\frac{r^m + \frac{1}{r} m + 1}{(m + r)} \rightarrow \frac{(m + r)(r^m + 1)}{(m + r)^2} \begin{cases} \uparrow -r \text{ } \overline{000} \\ \downarrow -1/r \text{ } \overline{00} \end{cases}$

$f(-1/r) = 0 \Rightarrow \boxed{m + r = \frac{1}{r} + 1 = \frac{r + 1}{r}}$

$g(-1/r) = 0 \Rightarrow f y = r^m + m$

$f y = r(-1/r) + m = -1 + m \Rightarrow \boxed{r = 1}$

$$g(\sqrt{r}) + (g(\sqrt{r}))' = t \cdot g(\sqrt{r})' \quad t \cdot g(m) = m \quad \boxed{t \cdot g(m)' = 1}$$

$$t \cdot g = \frac{1}{\sqrt{\frac{1}{m^2 + a^2} + \frac{1}{m^2 + a^2}}} = \frac{1}{\sqrt{\frac{1}{r_m^2} + \frac{1}{r_m^2}}} = \frac{1}{\sqrt{\frac{1}{m}}} = \frac{1}{m^{\frac{1}{2}}} = m^{-\frac{1}{2}}$$

$$g(m) = \frac{f(m) - 1}{m} \rightarrow \frac{(-1 + \sin m)^r}{(1 + \sin m)^r} - 1 = \frac{(-1 + \sin m)^r - (1 + \sin m)^r}{m(1 + \sin m)^r} = \frac{1 + \sin^r - r \sin m - 1 - r \sin^r - r \sin m}{m(1 + \sin m)^r}$$

$$\frac{-r \sin m}{m(1 + \sin m)^r} = g(m) \quad \lim_{m \rightarrow 0} \frac{-r \sin m}{m(1 + \sin m)^r} = \frac{0}{0} \rightarrow \frac{-r m}{m(1+m)^r} = \boxed{-r}$$

$$f(m) = -f(m) \rightarrow g(m) = -m^r = 1 \quad \text{for } m \rightarrow m \cdot g = 0 \Rightarrow y_\alpha = y_\beta$$

$$g(m) = -r m$$

α, β

$$-r \alpha = -\frac{1}{-r \beta} = -r \alpha \beta = 1$$

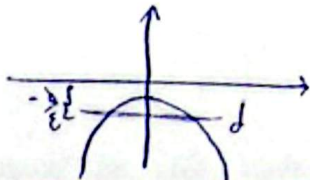
$$g(\alpha) = g(\beta) \rightarrow \alpha^r - 1 = \beta^r - 1 \Rightarrow \alpha^r = \beta^r \Rightarrow \alpha = \beta$$

$$-r(-\beta)(\beta) = 1$$

$$r \beta^r = 1$$

$$\boxed{\beta = \frac{1}{r}} \quad \boxed{\alpha = -\frac{1}{r}}$$

$$\boxed{g(\beta) = \frac{1}{r} - 1 = -\frac{r-1}{r}}$$



تساوي

$$f(a) = \frac{f(a)}{a}$$

$$f(m) = r\sqrt{m}(em^r + \mu) = r \left(\frac{1}{r\sqrt{m}} (em^r + \mu) + \lambda m \sqrt{m} \right) = \frac{em^r + \mu}{\sqrt{m}} + \lambda m \sqrt{m}$$

$$\frac{em^r + \mu}{\sqrt{m}} \quad \text{vs} \quad \frac{14m^r + \mu}{\sqrt{m}}$$

$$\lambda = \frac{em^r + \mu + 14m^r}{\sqrt{m}}$$

$$\frac{r\sqrt{m}(em^r + \mu)}{m} = \frac{r(em^r + \mu)}{\sqrt{m}} \Rightarrow \frac{r(em^r + \mu)}{\sqrt{m}} = \frac{r(em^r + \mu)}{\sqrt{m}} \quad \lambda m^r = \mu$$

$$\frac{r\sqrt{m}(em^r + \mu)}{m} = \frac{em^r + \mu + 14m^r}{\sqrt{m}} \Rightarrow \frac{r(em^r + \mu)}{\sqrt{m}} = \frac{em^r + \mu + 14m^r}{\sqrt{m}}$$

$$14m^r + \mu = r \cdot m^r + \mu$$

$14m^r = \mu$
 $m^r = \frac{1}{14}$
 $m = \frac{1}{14} \sqrt[r]{14}$
 $m = \frac{1}{14} \sqrt[r]{14}$

$$m_f = \frac{f(a)}{a} \Rightarrow \frac{r\sqrt{\frac{1}{r}} \left(\frac{e}{r} + \mu \right)}{\frac{1}{r}} = \frac{r\sqrt{\frac{1}{r}}}{\frac{1}{r}} = 14\sqrt{r} \quad \boxed{14\sqrt{r}}$$

$$f'(n) = \frac{f(n)}{n}$$

$$f'(n) = \frac{\frac{1}{r\sqrt{n}}(-r_m^r + m+1) - (-\epsilon m+1)(\sqrt{n})}{(-r_m^r + m+1)^2} = \frac{-r_m^r + m+1 - (-\epsilon m+1)(\sqrt{n})}{r\sqrt{n}(-r_m^r + m+1)^2}$$

$$\frac{4m^r - n + 1}{r\sqrt{n}(-r_m^r + m+1)} = \frac{\sqrt{n}}{-r_m^r + m+1} = \dots \rightarrow 4m^r - n + 1 = -\epsilon m^r + r n + r$$

$$4m^r - r m^r - 1 = 0 \rightarrow m = \frac{1}{r} \text{ GB}$$

$$\rightarrow m = -\frac{1}{\Delta} \text{ GB}$$

$$\frac{\sqrt{n}}{-r_m^r + m+1} = \frac{\sqrt{n}}{m(-r_m^r + m+1)}$$

$$f\left(\frac{1}{r}\right) = \frac{\sqrt{\frac{1}{r}}}{-r\left(\frac{1}{r}\right)^r + \frac{1}{r} + 1} = \frac{\sqrt{\frac{1}{r}}}{1} \Rightarrow \boxed{f\left(\frac{1}{r}\right) = \sqrt{\frac{1}{r}}}$$

$-\frac{1}{r} + \frac{1}{r} = 0$
 $-\frac{1}{r} + \frac{1}{r} = 1$

$f \circ g = f(g(n)) = g'(n) f'(g(n)) \rightarrow r\sqrt{n} \times 4 \left(\frac{r}{n}\right)^r \left(\frac{r\sqrt{n} + 4}{r\sqrt{n} + 4}\right)$

$g'(n) = \frac{-n}{\sqrt{(n-1)^2}} = \frac{-n}{\sqrt{n-1}}$

$f'(g(n)) = \frac{\sqrt{\frac{r}{n}}}{\sqrt{\left(\frac{1}{r}\right)^r}} = \frac{\sqrt{\frac{r}{n}}}{\frac{1}{r}} = r\sqrt{\frac{r}{n}}$

$\frac{1}{\sqrt{n-1}} > \frac{1}{r}$

$g\left(\frac{\sqrt{n}}{r}\right) = \frac{1}{\sqrt{\frac{1}{r}}} = r$

$f(r) = r(r)^r = r^2$

$f'(r) = r(r)^r(r) = r^3$