

♡ Bessie ♡

$$y_n^m = a, y_{mn}^{mr} = b, a > 0$$

$$0 < \frac{a}{a+1} < 1 \rightarrow \text{where } [b] = 1$$

$$\frac{y_n^m}{y_n} = a \rightarrow y_n^m = a \cdot y_n \quad \frac{y_{mn}^{mr}}{y_{mn}} = \frac{r y_n^m + y_n^u}{y_n^m + y_n^u} = \frac{r a y_n + y_n^u}{a y_n + y_n^u} \rightarrow b = \frac{r a + 1}{a + 1}$$

$$y = \sqrt{\frac{u}{y_n^u}} \quad \text{I) } u > 0 \quad \text{II) } y_n^u \rightarrow \infty \rightarrow u \rightarrow \infty$$

$$\text{III) } \frac{u}{y_n^u} > 0 \quad \frac{1}{1+1} = \frac{1}{2}$$

$$I \cap \text{II} \cap \text{III} = \{0, 1\}$$

$$y = \frac{y_n^{(u^r - u + 1)}}{\sqrt{u^r - 1} + 1} = I \cap \text{II} : (-\infty, -1) \cup (1, +\infty)$$

$$\text{I: } u^r - 1 > 0 \rightarrow |u| > 1 \rightarrow u \in (-\infty, -1] \cup [1, +\infty)$$

$$\text{II: } u^r - u - 1 > 0 \rightarrow u = -1/r \quad \frac{-1/r}{1+1/r} \quad u \in (-\infty, -1) \cup (1, +\infty)$$

$$r y_n^a + y_n^u = r \xrightarrow{u=a} r y_n^a + y_n^u = r \rightarrow \frac{r y_n^a}{r} + \frac{y_n^u}{\frac{1}{r}} = r \xrightarrow{r=1} a = r$$

$$y^r = 1/r, y^r = 1/\varepsilon \quad (y^{\frac{\omega}{r}}) u^r + y^a u - y^{\omega} = 0 \quad \frac{u^r}{r} = \frac{-1/r}{\frac{\omega}{r}} \rightarrow \frac{u}{r} = 1 \rightarrow \partial u = \frac{1/r}{r}$$

$$(y^{\omega} - y^u) u^r + r y_n^u - (y^r + y^{\omega}) \Rightarrow \frac{\omega}{r} u^r + \frac{1}{r} u + \frac{1}{r} = 0$$

$$y^r = 1/r, y^r = 1/\omega, y^{\frac{1}{12}} = ?$$

$$\frac{y^{\frac{1}{12}}}{y^{\frac{1}{12}}} \rightarrow \frac{y^r + y^{\frac{1}{12}}}{y^{\omega} + y^r} \Rightarrow \frac{r+1}{r+1} \rightarrow \frac{r}{r} \quad \text{Correct } y^{\frac{1}{12}} = \frac{r}{r+1}$$

$$y^r = 1/q, y^a = 1/\omega, y^r_{10} = 3$$

$$y^r = \frac{\omega}{\lambda}$$

$$\frac{y^r}{y^a_{10}} = \frac{y^r + g^r}{y^a + g^r} = \frac{\frac{\omega}{\lambda} + 1}{\frac{1/\omega + 1}{1/\omega}} \Rightarrow \frac{\frac{1r}{\lambda}}{\frac{a}{p}} \rightarrow \frac{r}{p_0} \rightarrow \left(\frac{1r}{p_0}\right)$$

$$y^{\lambda}_1 = m, y^{\lambda}_2 = p \rightarrow \frac{y^{\lambda}_1}{y^{\lambda}_2} \Rightarrow \frac{y^r + g^r}{y^r + g^r} \Rightarrow \frac{\frac{r}{p} + y^r_{\lambda}}{\frac{r}{p}} = \frac{\frac{r}{p} + m - \frac{1}{p}}{\frac{r}{p}}$$

$$r y^r_{\lambda} + \frac{y^r}{p} = m \Rightarrow \frac{m - \frac{1}{p}}{r} = y^r_{\lambda}$$

$$\frac{r + pm - 1}{r} \rightarrow \frac{1r + pm - r}{r} = \frac{pm}{r}$$

$$\left(\frac{r}{p}\right)(m+1) \leftarrow \left(\frac{pm}{r}\right)$$

$$\left(\frac{p}{r}\right)^{r_{n-1}} = \left(\frac{1r\omega}{\lambda}\right)^{r_{n-1}}, y^{\lambda}_{n-1} = p \rightarrow y^r_{\lambda} \rightarrow y^r_{r^r} = \left(\frac{r}{p}\right)$$

$$\left(\frac{r}{\omega}\right)^{r_{n-1}} = (r\omega)^{r_{n-1}} \rightarrow (r\omega)^{1-r_n} = (r\omega)^{r_{n-1}} \rightarrow r_{n-1} = 1 - r_n \rightarrow r_{n-1} + r_n - 1 = 0$$

$$n = 1/\frac{1}{p}$$

$$y^r = a, y^b_{\lambda} = \frac{r}{p}(1+a), y^{rb-1} = p, p^a = p$$

$$y^b_{\lambda} = r(1+a) \rightarrow b = r^r(1+a) = r^r + r^r a = r^r \times r^r a \Rightarrow r^r \times (r^r a)^r$$

$$b = r^r \times r^r = r^r$$

$$y^{rb-1} = y^{100} = \left(\frac{r}{p}\right)$$

$$\frac{-1}{b} = y^r = \frac{ra}{b} = y^r \rightarrow \frac{a}{b} = \frac{y^r}{r} = \frac{r y^r}{y^r} = \frac{y^r}{r}$$

$$\frac{c}{b} = -1 + y^r$$

$$\frac{c}{b} = y^r - 1 \rightarrow \frac{c}{a} = \frac{y^r - 1}{\frac{y^r}{r}}$$

$$\frac{y^r}{r} = y^r_{\lambda} \rightarrow \left(\frac{1}{r}\right) y^r_{\lambda} \rightarrow \left(\frac{1}{a}\right) y^r_{\lambda} \rightarrow \left(\frac{r}{a}\right)$$

$$ra = b + c$$

$$ra = 1 + \frac{c}{b}$$

$$r\left(\frac{y^r}{r}\right) = 1 + \frac{c}{b}$$