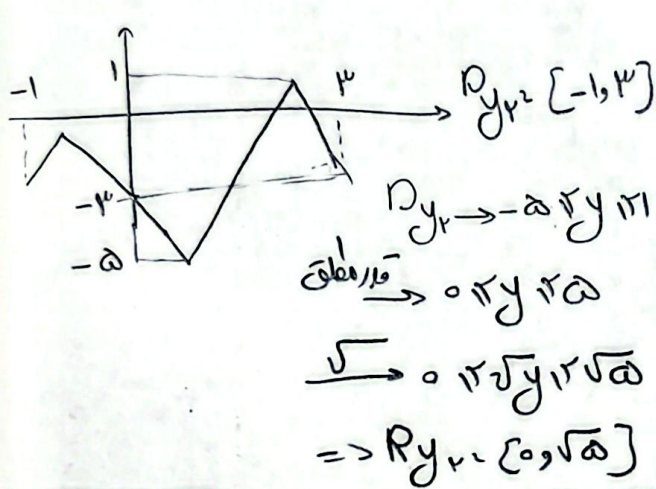
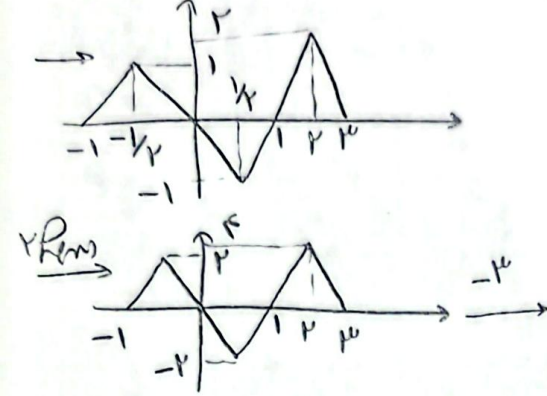
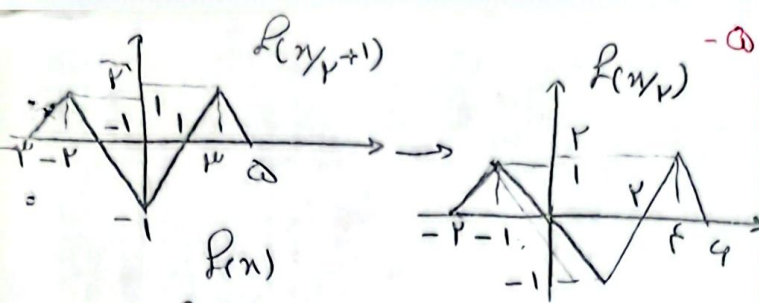


$$x = \frac{1}{a} \rightarrow \frac{1}{a^2} [a \times \frac{1}{a}] \rightarrow \frac{1}{a^2} \cdot \frac{1}{a}$$

$$a = \pm 2 \rightarrow \text{يقول شيعي: لا باقيا} \\ \text{به شغل ا باير هو صغر شود} \\ \Rightarrow a = -2$$

$$b = 1 \rightarrow b - a = 1 - (-2) = 3$$

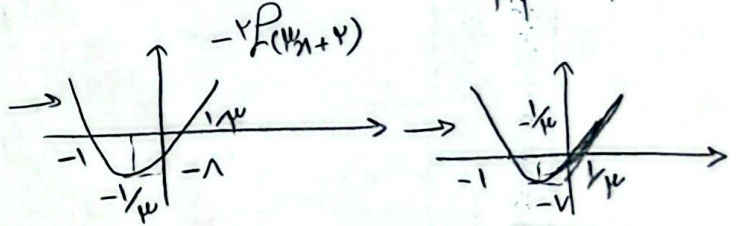
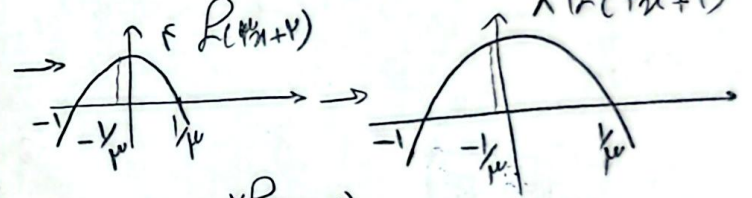
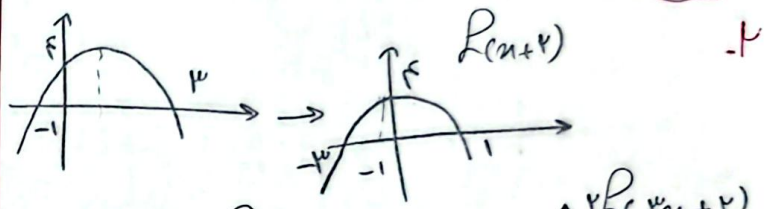
$$y = -\frac{1}{\mu} x^2 + \frac{r}{\omega} x + 1$$

$$\text{عند } x = \frac{1}{\mu} \rightarrow -\frac{1}{\mu} \left(\frac{1}{\mu} - \frac{1}{\omega} \right)^2 + \frac{r}{\omega} \left(\frac{1}{\mu} - \frac{1}{\omega} \right) + 1 + \frac{\varepsilon v}{r \omega}$$

$$-\frac{1}{\mu} t^2 + \frac{r}{\omega} t + \frac{v}{r \omega} = 0 \rightarrow t_1 = -\frac{r}{\omega}$$

$$\rightarrow t_2 = \frac{1}{\omega}$$

$$x = \frac{1}{\mu} \approx \frac{1}{\omega} \rightarrow \boxed{x = 1}, x = \frac{1}{\mu} \approx \frac{1}{r \omega} \rightarrow \boxed{x = 1}$$



$$\Rightarrow A_2(-1/\mu, -v) \rightarrow (-1/\mu)(-v) = \frac{v}{\mu}$$

$$y = \sqrt{2n} \frac{x+1}{2} \rightarrow y = \sqrt{2(n+1)}$$

$$\rightarrow y = \sqrt{2n+2} \frac{x-1}{2} \rightarrow y = \sqrt{2n+2} - 1$$

$$+ \omega \rightarrow y = \sqrt{2n+2} + 1 = \frac{1}{\mu} \rightarrow \frac{1}{\mu} = \frac{1}{\mu}$$

$$y = \frac{1}{\mu} \Rightarrow x = \frac{1}{\mu}$$

$$D_p \rightarrow a(x-1) \rightarrow a+1 \rightarrow x \rightarrow a$$

$$D_g \rightarrow -1 \rightarrow x+1 \rightarrow b \rightarrow -1 \rightarrow x \rightarrow b-1$$

$$\Rightarrow (-2, a) \rightarrow a+1-2 \rightarrow a-1$$

$$\rightarrow b-1 \rightarrow a \rightarrow b$$

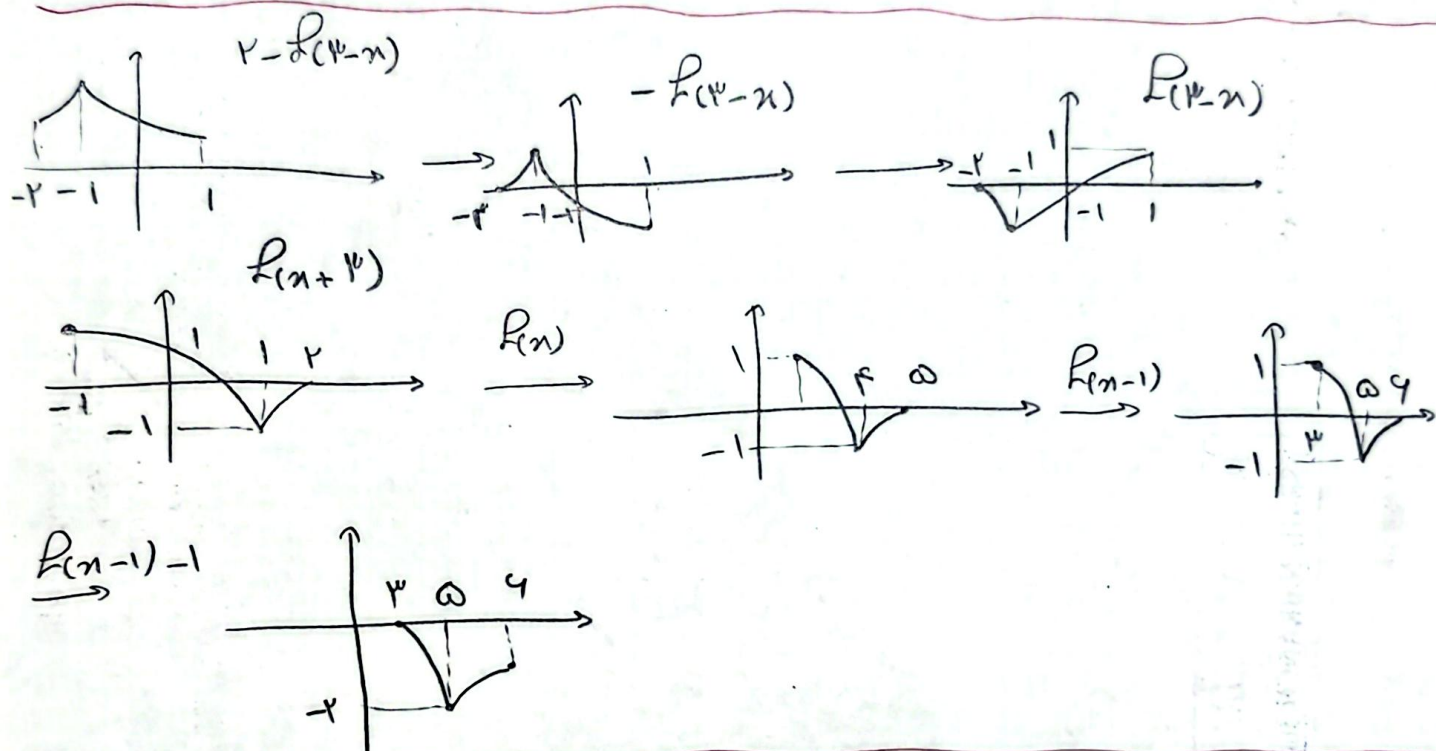
$$a-b = -1-1 = -2$$

$$f(n), dy_r^n \rightarrow dy_r^{n+r} \rightarrow -dy_r^{n+r} \rightarrow -dy_r^{n+r} + r \rightarrow -dy_r^{-n+r} + r$$

$$g(n) = -dy_r^{n+r} + r$$

$$g(-4r) \rightarrow -dy_r^{4r} + r \rightarrow \boxed{-r} \rightarrow -r + (-1) \boxed{-r}$$

$$g(-1r) \rightarrow -dy_r^{1r} + r = \boxed{-1}$$

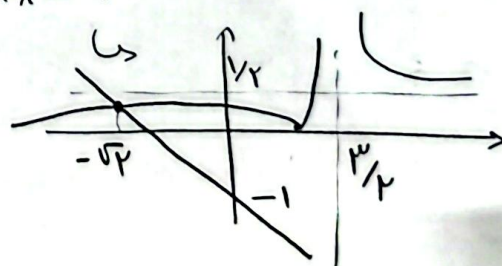


$$L(n) = \left| \frac{n+1}{r_{n+1}} \right| \rightarrow \left| \frac{n-r+1}{r_{n-r+1}} \right| = \left| \frac{n-1}{r_{n-r}} \right| \rightarrow g(n) = \left| \frac{n-1}{r_{n-r}} \right| + 1$$

$$n + g(n) r_0 \hookrightarrow n + \left| \frac{n+1}{r_{n-r}} \right| + 1 r_0 \rightarrow \left| \frac{n-1}{r_{n-r}} \right| r - n - 1$$

$$\frac{n-1}{r_{n-r}} = -n-1 \rightarrow n = \pm \sqrt{r}$$

$$\hookrightarrow \boxed{n = -\sqrt{r}}$$



$$J_{\text{min}} \rightarrow \text{minimize } J \rightarrow y = \frac{rV}{\lambda} (n-r)^{\mu} + rV$$

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$$g(n) = \sqrt{r_n(r_n - r_m)^2} \rightarrow \sqrt{\underbrace{r_m}_{t} (r_n - r_m)}$$

$$\rightarrow \sqrt{t(r_n - t)} \rightarrow t^2 - r_n t \rightarrow \frac{0}{+1 - 1 +}$$

$$\rightarrow 0 \text{ if } t \text{ if } r_n \rightarrow 0 \text{ if } (n-r)^{\mu} \frac{rV}{\lambda} + rV \text{ if } r_n \rightarrow -rV \text{ if } \frac{(n-r)^{\mu}}{\lambda} \text{ if } 1$$

$$\rightarrow -\lambda \text{ if } (n-r)^{\mu} \text{ if } \frac{\lambda}{rV} \rightarrow -r \text{ if } n - r \text{ if } \frac{r}{\mu} \rightarrow 0 \text{ if } n \text{ if } \frac{\lambda}{\mu}$$

$$\rightarrow x = \{0, 1, 2\} \rightarrow \boxed{> \mu^3}$$