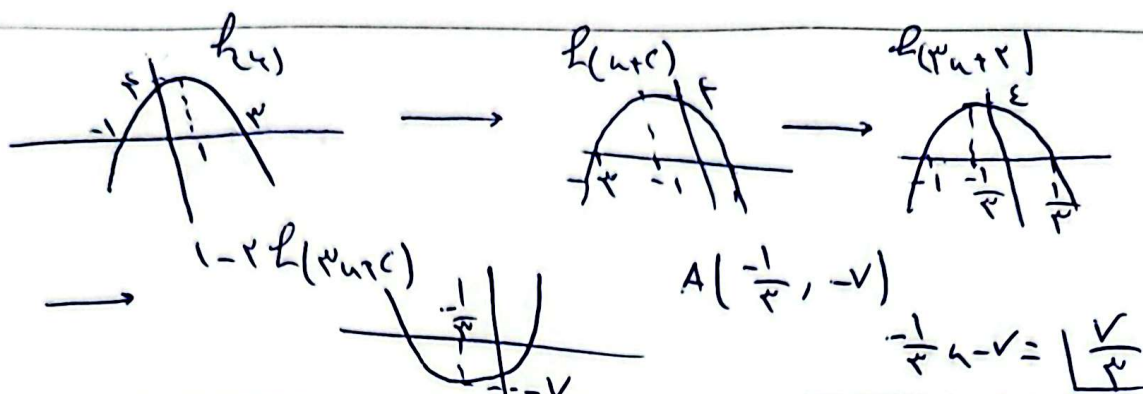




۳- $\sqrt{2}u$ تبدیل به $\sqrt{2}(u+1)$ $\xrightarrow{\text{تبدیل به } x}$ $\sqrt{2}u+2$

۴ واحد چپ $\rightarrow$ $\sqrt{2}u+2 = \frac{\sqrt{2}}{2} \Rightarrow \sqrt{2}u+2 = \frac{\sqrt{2}}{2} \Rightarrow u+2 = \frac{1}{2} \Rightarrow u = -\frac{3}{2}$

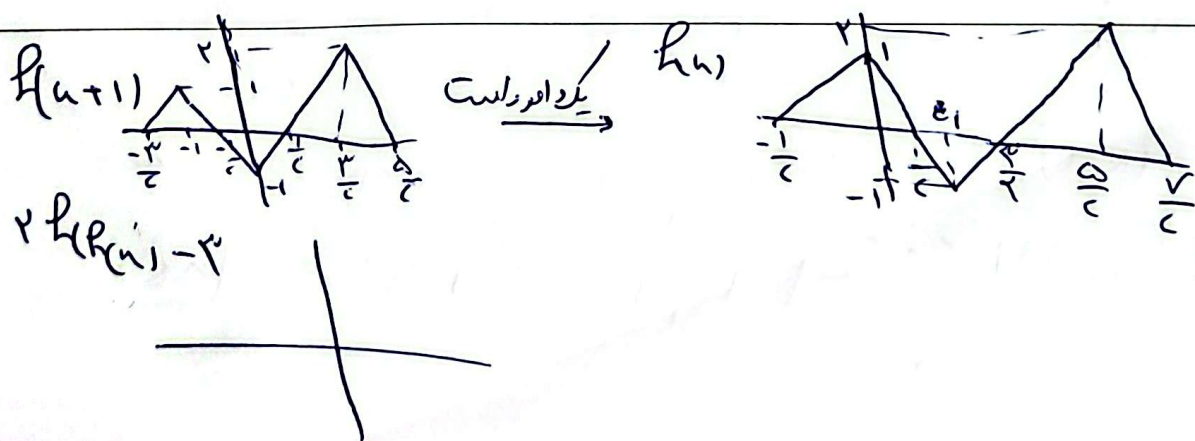
$\Rightarrow u = -\frac{3}{2}$ جواب

$D_f = (a, 4] \rightarrow D_{h(u+1)} = a < u+1 \leq 4 \Rightarrow a+1 < u \leq 3$

$D_g = [-1, b) \rightarrow D_{g(u+1)} = -1 \leq u+1 < b \Rightarrow -2 \leq u < b-1$

$D_f \cap D_g = (-2, 3) \Rightarrow a+1 = -2 \Rightarrow \underline{a = -3}$ $b-1 = 3 \Rightarrow \underline{b = 4}$

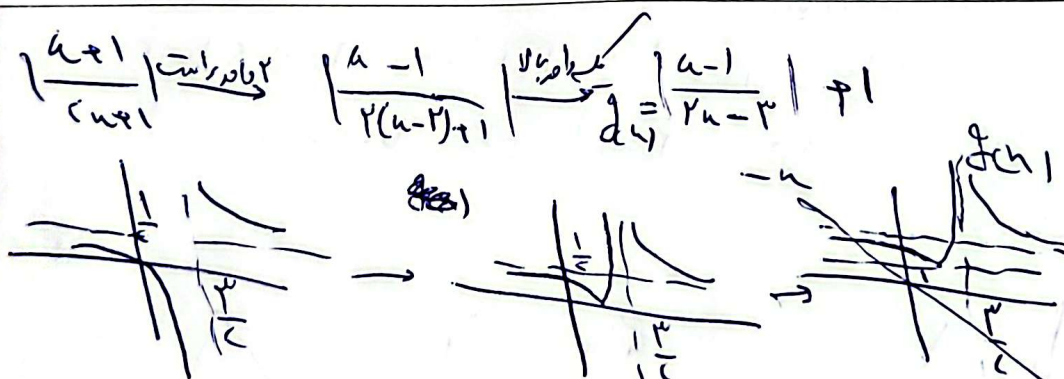
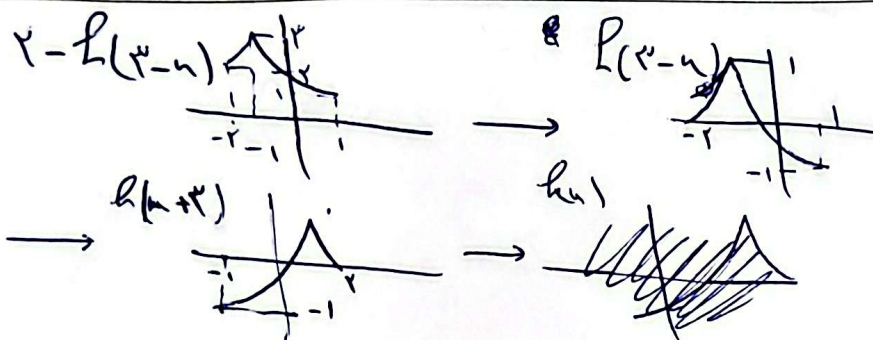
$a-b = -3-4 = -7$



$$L_j^n \rightarrow L_j^{n+r} \rightarrow L_j^{n+r} \rightarrow -L_j^{n+r} + r \rightarrow -L_j^{n+r} + r$$

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

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



$$h_n = (n-r)^r + r \quad r \wedge h_n = h_n^r \quad 2. \rightarrow h_n^r - r \wedge h_n \leq$$

$$h_n \leq h_n - r \wedge \leq -\frac{r}{r} + \frac{r}{r} \quad h_n \leq \Rightarrow \underline{h_n}$$

$$D = a \leq (-\infty, 0]$$