

$$\frac{1}{u^r} + \frac{1}{(1-u)^r} \xrightarrow{\text{مخرج مشترك}} \frac{(1-u)^r + u^r}{u^r(1-u)^r} \rightarrow \frac{1 - 2u + u^r + u^r}{(u(1-u))^r} \rightarrow \frac{2(u^r - u) + 1}{(u - u^r)^r} = \frac{17}{9}$$

$$17 \cdot \frac{1}{9} = \frac{17}{9} = \frac{17 \cdot t + 1}{t^r} \rightarrow 17 \cdot t^r = 17t + 1 \rightarrow 17 \cdot t^r - 17t - 1 = 0$$

$$\frac{r}{17} = u^r - u \rightarrow u^r - u - \frac{r}{17} = 0 \rightarrow S_1$$

$$-\frac{r}{17} = u^r - u \rightarrow u^r - u + \frac{r}{17} = 0 \rightarrow S_2$$

$$S_T = 1 + \sqrt{r}$$

$$\frac{1 \pm \sqrt{\Delta}}{2} \quad \frac{1 + \sqrt{5}}{2} + \frac{1 - \sqrt{5}}{2}$$

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

(V) خطوط قبلي علامات

$$z = \sqrt{y} \rightarrow z \geq 0 \rightarrow u + 2z \rightarrow u \geq -2 \text{ (I)}$$

$$-u^r + 2u - 1 \geq 0 \quad \frac{r}{-2} \leq \frac{r}{2} \text{ (II)} \quad u \geq 0 \text{ (III)} \quad u^r \geq 0 \text{ (IV)}$$

$$-u^r + 2u^r + 2\partial u - 1 \geq 0 \quad \frac{-2}{+2} \leq \frac{r}{-2} \leq \frac{2}{+2} \text{ (III')} \Rightarrow I \cap II \cap III \cap IV \cap III' = \{r\}$$

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$$(u - r)(-u^r + r)$$

(A)

$$\begin{cases} g = |u+r| + |u-1| \xrightarrow{\text{جست مثبت}} ru + 1 \\ g = -\frac{ru}{r} + \frac{1v}{r} \end{cases} \rightarrow ru + 1 = -\frac{ru}{r} + \frac{1v}{r} \xrightarrow{\times r} ru + r = -u + v \rightarrow u \leq r$$

$y = 0$

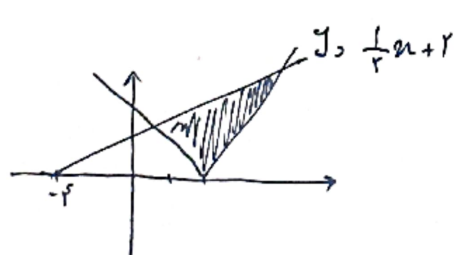
$$\begin{cases} g = |u+r| + |u+r| \xrightarrow{\text{جست منفي}} -ru - 1 \\ g = -\frac{ru}{r} + \frac{1v}{r} \end{cases} \rightarrow -ru - r = 1v - u \rightarrow \begin{pmatrix} 1 & -r \\ 0 & v \end{pmatrix}$$

(A/B)

$$\overline{AB} = \sqrt{r^2 + r^2} = \sqrt{2}r$$

$$\sqrt{2}r$$

(B)



$$\sqrt{u^r - ru + r} \rightarrow |u - r| \quad u - r = \frac{1}{r}u + r \rightarrow \frac{1}{r}$$

$$\rightarrow \frac{1}{r} \begin{vmatrix} 1 & 0 & r \\ 1 & r & 0 \\ 1 & 1 & 1 \end{vmatrix} \rightarrow \frac{17 + 0 + 12 - r - 0 - 0}{r} = \frac{29 - r}{r}$$

$$\frac{1}{u} + \frac{1}{u+9} = \frac{1}{r} \rightarrow u = r_1$$

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دریافت

$$\{r_1\}$$

$$u + 9 \leftarrow \text{فرمان} \quad u \leftarrow \text{مورد}$$

(1)