

$$\lambda^T + \lambda - 1 - m^T z \cdot a^T \beta \quad \min(a^T + \beta^T)$$

$$-m^T - 1 \Rightarrow -1$$

$$max \Rightarrow -1$$

$$(a - \beta)^T - \gamma(a - \beta)$$

$$\frac{-1}{1} - \gamma(a - \beta) \Rightarrow 1 - \gamma(-1) \geq \gamma$$

$$A(\gamma, \underline{v}), B(-\Delta, \underline{v})$$

دلیل
گسسته

اگر
میل

$$a^T + \beta^T \geq \Delta$$

محدود
کجا
میشود

$$\frac{-\gamma a}{a} - \frac{\gamma c}{a} \geq \Delta$$

$$V \geq -\frac{\gamma c}{a} \Rightarrow \gamma a \leq -\gamma c$$

$$a^T x + b^T x + c \leq$$

$$\frac{-b}{\gamma a} \leq -1 \Rightarrow \gamma a \leq -b \Rightarrow b \leq \gamma a$$

$$a^T x + \gamma a x + c$$

$$\Rightarrow -\frac{\Delta}{\epsilon a} \Rightarrow \frac{\gamma a^T - \gamma a c}{-\epsilon a} \geq 1 \Rightarrow -\gamma a + \gamma c \geq \gamma$$

$$\gamma a - \gamma a + c \geq \gamma a - 1 \cdot a + c$$

$$\gamma a + \gamma c \geq 0$$

$$-\gamma a \geq \gamma \Rightarrow a \geq -\frac{\gamma}{a}$$

$$-\frac{\gamma}{a} a^T - \frac{\gamma}{a} a + c \geq 1$$

$$\Rightarrow -1 \Rightarrow \frac{\gamma}{a} + \frac{\gamma}{a} a \left(\frac{1}{a} \geq c\right) \geq 1 \Rightarrow c \geq \frac{1}{\gamma}$$

$$\lambda^T + \gamma a + a \geq \cdot \quad a < \beta < \cdot \quad \gamma a^T + \gamma \beta^T \geq 1 \sqrt{\gamma} + 1 \Delta \quad a, \beta$$

$$1 \sqrt{\gamma} + 1 \Delta \geq \frac{\Delta}{\gamma} (\gamma \beta - \gamma a) + \frac{1}{\gamma} (-\gamma \sqrt{a}) \quad \frac{a}{\gamma} (a^T - \beta^T) + \frac{1}{\gamma} (a^T - \beta^T)$$

$$\gamma \sqrt{\gamma} + 1 \sqrt{\gamma} \geq 1 \Delta - 1 \cdot a - \gamma \sqrt{a}$$

$$1 \cdot a \leq 1 \quad -\gamma \sqrt{\gamma}$$

$$\hookrightarrow \underline{a \geq 1}$$

$$a^T + \beta^T \geq \gamma \beta - \gamma a \rightarrow -\gamma \sqrt{a}$$

سوال

$$ra^2 - aa + f \quad a, a'$$

$$\frac{a}{r} = fa' \quad \frac{f}{r} = ra^2 \Rightarrow fa' = \frac{f}{r} \Rightarrow a' = \frac{1}{r}$$

$$ra' = a \Rightarrow -\frac{1}{r} \times \frac{f}{r} = -1 \quad \frac{f}{r} \times \frac{1}{r} = 1 \Rightarrow f = r$$

$$\sqrt{\frac{1}{a}} + \sqrt{\frac{1}{b}} = \Delta \quad \frac{r}{m} = 5 \Rightarrow -r$$

$$\frac{1}{a} + \frac{1}{b} + 2\sqrt{\frac{1}{ab}} = 2\Delta$$

$$\frac{a+b}{ab} = \frac{\frac{1}{a} + \frac{1}{b}}{\frac{1}{ab}}$$

$$\frac{m+1}{r} = m+1 \Rightarrow \frac{r}{m} = 1 \Rightarrow -1$$

$$fa^2 + ka^2 - qa - r = 0$$

$$a \neq 0 \Rightarrow 1$$

$$a \neq 0 \Rightarrow -r = \beta = -\frac{r}{a} \Rightarrow a = -\frac{r}{\beta} \Rightarrow a^2 = \frac{r^2}{\beta^2} < -1 \Rightarrow -f + k + q - r = 2r$$

$$a^2 + fa + a = 0 \quad a \neq 0 \Rightarrow ra^2 + ra - f = 0 \quad a, r$$

نست

$$a^2 - va^2 - \Delta = 0 \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix}$$

$$ra^2 - aa + b = 0 \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix}$$

$$aa^2 - aa - b = 0 \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix}$$

$$\sqrt{a^2 + f(ab)} = \frac{a^2 + fa - \frac{r}{a}}{a} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix}$$

$$n^2 - (a+1)a + a = 0 \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix} \quad \begin{matrix} \text{عنه} = \delta \\ \text{فنده} = \rho \end{matrix}$$