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نسبت سرعت به سرعت نور

$$\beta = \frac{v}{c} \leq 1 \Rightarrow \alpha \leq \frac{a}{c} \Rightarrow a \leq 12a$$

$$\rho = \frac{1}{\beta} \Rightarrow \rho \alpha \leq \frac{c}{v} \Rightarrow \alpha \leq \frac{c}{v} \Rightarrow a \leq \frac{c}{v} \Rightarrow a \leq 1$$

$$1 - (1 - \alpha) = 14 \quad \checkmark$$

$$\frac{1}{\sqrt{a}} + \frac{1}{\sqrt{b}} = \frac{\sqrt{a} + \sqrt{b}}{\sqrt{ab}} = \frac{\sqrt{5} + \sqrt{p}}{\sqrt{p}} = \sqrt{\frac{m+14}{1}} = a$$

$$m+14 \leq a \quad \text{مقدار آفر} \quad p = \frac{c}{v}$$

$$\beta = \frac{a}{c} \quad a + \frac{c}{a} \leq 1 \Rightarrow a^2 - a - 1 \leq 0 \Rightarrow \begin{cases} a \leq 1, \beta \leq 1 \\ a \leq -1, \beta \leq 1 \end{cases}$$

$$\Rightarrow -1 \leq k \leq 1 - 12 \Rightarrow k \leq -11 \quad \checkmark$$

$$\frac{c^2}{r} \leq \rho \Rightarrow \rho \alpha + \rho \beta = (\rho \alpha \alpha + \rho \beta \beta) + (\rho \alpha \alpha + \rho \beta \beta) + \rho \alpha (\alpha + \beta) + \rho \beta (\alpha + \beta)$$

$$\rho \alpha (\alpha + \beta) + \rho \beta (\alpha + \beta) = \rho \alpha (\alpha + \beta) + \rho \beta (\alpha + \beta)$$

$$a - a + 4\sqrt{a} - a \leq 12 + 12\sqrt{p} \Rightarrow a - 2a = 12 \Rightarrow a \leq 1 \quad \checkmark$$

از آنجا که هر دو سرعت به سرعت نور نزدیک است

$$\rho \alpha - \rho \beta + \rho \beta = \rho \alpha \quad \Rightarrow \quad \rho \alpha = \frac{v \pm \sqrt{4a}}{c} \Rightarrow \frac{v \pm \sqrt{4a}}{c}$$

$$\alpha \rho \beta = \left(\frac{v \pm \sqrt{4a}}{c} \right) \rho \beta \quad \checkmark$$

$$an^p \leq an - 45 \Rightarrow s_1 \leq \frac{1}{p} \quad p \leq -\frac{1}{q} \quad p \leq -1$$

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$$ln^p - an + bs \Rightarrow s_2 \leq \frac{a}{p} \quad p \leq -\frac{b}{a}$$

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$$-\frac{1}{p} + 1 \leq \frac{1}{p} \Rightarrow q \leq 1$$

$$(d \cdot \omega)(p \cdot d) = \frac{d\beta}{-p} \cdot \omega(\frac{1}{p} \cdot \beta) \cdot \frac{1}{p} \cdot d \Rightarrow -1 \leq \frac{b}{p} \Rightarrow b \leq p$$

$$\left[\frac{4 \sqrt{p}}{p} \right] \leq \left[\frac{-5}{p} \right] \leq -2$$

$$s \leq 1 \quad a \neq \beta \leq 1 \quad a \leq 1 - \beta \quad a^p \leq \beta^p - p\beta + 1$$

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$$p \cdot \beta^p + p \cdot \beta^p - p \cdot \beta + p - p \cdot \beta \leq 1 \quad 4 \cdot p^p - 4 \cdot p + p^p \leq 0$$

$$p \cdot \beta^p - p \cdot \beta + 1 \leq 0 \Rightarrow \frac{a\beta^p - a\beta - b}{a} \leq \frac{b-1}{a} \quad a \leq p$$

$$p \cdot n^p - p \cdot n + 1 \leq 0 \quad \sqrt{p^2 - 4p} \leq \frac{p \sqrt{a}}{a} \quad \checkmark$$

$$n^p - (a+1)n + a \leq 0 \quad \left\{ \begin{array}{l} n_1 \leq 1 \\ n_2 \leq a \end{array} \right\} \Rightarrow a \leq p \quad p \leq p$$

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$$n_p - (a+1)n + b \leq 0 \Rightarrow n^p - 1 \cdot n + b \leq 0 \quad a \neq \beta \leq 1 \quad p \leq p \leq 1 \quad a \leq p \quad \beta \leq 4 \quad a \neq \beta \leq 1 \quad \checkmark$$

$$a \neq \beta \leq 1$$

$$a^p + \beta^p \leq s^p - p \leq p \cdot m^p \Rightarrow \min \leq p \quad \checkmark$$

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$$A(x, y) \Rightarrow n \leq \frac{p-1}{p} \leq -1 \Rightarrow p \cdot n \leq -1 \quad y \leq a(n+1)^p + 1 \Rightarrow y \leq a(n+1)^p + 1$$

$$a^p + \beta^p \leq s^p - p \leq p - p \left(\frac{d+1}{a} \right) \leq 0 \quad p \left(\frac{d+1}{a} \right) \leq -1 \Rightarrow a \leq -\frac{p}{d+1} \quad \frac{p}{p} + 1 \leq \frac{1}{p} \quad \checkmark$$

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$$\frac{1}{\sqrt{\alpha}} + \frac{1}{\sqrt{\beta}} = \frac{\sqrt{\alpha} + \sqrt{\beta}}{\sqrt{\alpha\beta}} = a \xrightarrow{\text{تقارن}} \frac{S^r + r\sqrt{p}}{p} = ra \quad r$$

$$\begin{array}{l} S = \frac{m+1r}{r_4} \\ \hline p = \frac{1}{r_4} \end{array} \rightarrow m = -1 \rightarrow -r^r + r^r + r = a \rightarrow \frac{c}{a} = \boxed{-r}$$