

نام و نام خانوادگی تاریخ پاسخنامه تشریحی تکلیف شماره کلاس

$$\lim_{n \rightarrow \infty} A_{n \times n} = \frac{0}{0} \Rightarrow \text{بدرستی} \Rightarrow \begin{cases} f(a^T_0(m)) \neq \frac{m}{p} \\ f(a^T_0(m-n)) a^T_0 a^T \neq 0 \end{cases} ??$$

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[illegible]

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$$f(\eta) = \begin{cases} \tan \frac{(\eta+1)\pi}{2} ; \eta \leq 1 \\ \frac{|\eta^2 + \eta - 1|}{a(1-\eta)} ; 1 < \eta < d \\ b(\eta - [-\eta]) ; \eta \geq d \end{cases} \quad \left\| \begin{array}{l} \text{für } \eta \leq 1 \\ \text{für } 1 < \eta < d \\ \text{für } \eta \geq d \end{array} \right. \quad \begin{aligned} \tan \frac{\pi \pi}{2} &= \lim_{\eta \rightarrow 1} \left| \frac{\eta^2 + \eta - 1}{a(1-\eta)} \right|^{\frac{1}{2}} = -1 < \frac{V_{0a}}{-a} \Rightarrow \frac{V}{-a} < -1 \Rightarrow \underline{a \leq V} \\ \lim_{\eta \rightarrow d} \left| \frac{\eta^2 + \eta - 1}{a(1-\eta)} \right| &= b(d - [-d]) \Rightarrow \frac{V_{0d} - 1}{V_{0d} - 1} = \frac{V}{V} = b(d - [-d]) < b \\ &\Rightarrow b < \frac{V}{V} \Rightarrow b < 1 \Rightarrow \underline{a < b} \end{aligned}$$

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چون منطوق درست باشد و نتایج با یکدیگر سازگار از هر دو حکم منقضی می شود

$$f(n) \leq a[n_0] + b[n_1] \leq a[n_0] + b[n_0] + [a]b \Rightarrow a \leq -b$$

$$f(n) \leq a[n_0] - a[n_1] - a[a] \leq -a[a] \Rightarrow \frac{a[a]}{f(a)} \leq \frac{a[a]}{-a[a]} \leq -1$$

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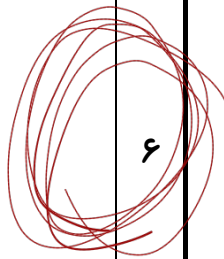
$f(x) = b[x^2 - a^2] - 2a \xrightarrow{\text{معمولی سیم}} b \neq 0 \Rightarrow f(x) = -2a, a \neq 0 \Rightarrow \frac{a}{f(b)} \leq \frac{a}{-2a} \Rightarrow \frac{1}{2}$

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$$\lim_{n \rightarrow \infty} \frac{P_n + m}{-1} = P_n + m \quad \text{①}$$

$$f(P_n) = 0 \Rightarrow \frac{P_n^2 + P_n + m}{-1} = 0 \Rightarrow (P_n^2 + P_n + m) = 0 \Rightarrow \begin{cases} a = 0 \\ a = -\frac{1}{m} \Rightarrow m = -\frac{1}{a} \end{cases}$$

فرض ① $\Rightarrow a = 0 \mid \Rightarrow n \leq 1 \Rightarrow n - m < 1$



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$$\lim_{n \rightarrow \infty} (1-a)(-1) = (P_n^2 - 1)(-1) = b \sin \frac{\pi}{a} \Rightarrow a = 1 \mid P_n^2 = 0 \Rightarrow \begin{cases} a = \frac{1}{m} \\ a = -1 \end{cases}$$

$$\Rightarrow a = 1 \mid b \sin \frac{\pi}{a} \Rightarrow \begin{cases} a = 1 \Rightarrow -1 = b \sin \frac{\pi}{1} \Rightarrow \text{خارج} \\ a = \frac{1}{m} \Rightarrow \frac{1}{m} = b \sin \frac{\pi}{1/m} \Rightarrow \frac{1}{m} = b \sin \pi = 0 \Rightarrow b = \frac{1}{m} \Rightarrow \frac{a}{b} = \frac{1/m}{1/m} = 1 \end{cases}$$

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$$\lim_{n \rightarrow \infty} \frac{m \left(\frac{P_n^2 + m}{m} - m - 1 \right)}{m \left(\frac{P_n^2 - 1}{m} + m - 1 \right)} = \frac{m}{m} \Rightarrow \frac{P_n^2 + m}{m} = \frac{P_n^2 - 1}{m} \Rightarrow \frac{P_n^2 + m}{P_n^2 - 1} = \frac{P_n^2 - 1}{P_n^2 - 1} = 1 \Rightarrow \frac{m}{m} = 1 \Rightarrow m = 1$$

فرض ① $\Rightarrow m = 1 \mid \Rightarrow \frac{m}{m} = 1 \Rightarrow m = 1$



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$$\lim_{n \rightarrow \infty} \frac{P_n^2 + m}{P_n^2 - 1} = \frac{P_n^2 + m}{P_n^2 - 1} \Rightarrow \frac{P_n^2 + m}{P_n^2 - 1} = \frac{P_n^2 - 1}{P_n^2 - 1} = 1 \Rightarrow \frac{m}{m} = 1 \Rightarrow m = 1$$

$$\Rightarrow \left| \frac{P_n^2 + m}{P_n^2 - 1} - 1 \right| = \left| \frac{m + 1}{P_n^2 - 1} \right| \Rightarrow \frac{m + 1}{P_n^2 - 1} = 0 \Rightarrow m = -1$$

$$\lim_{n \rightarrow \infty} \frac{P_n^2 + m}{P_n^2 - 1} = \frac{P_n^2 + m}{P_n^2 - 1} \Rightarrow \frac{P_n^2 + m}{P_n^2 - 1} = \frac{P_n^2 - 1}{P_n^2 - 1} = 1 \Rightarrow \frac{m}{m} = 1 \Rightarrow m = 1$$

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$$\lim_{n \rightarrow \infty} \frac{P_n^2 + m}{P_n^2 - 1} = \frac{P_n^2 + m}{P_n^2 - 1} \Rightarrow \frac{P_n^2 + m}{P_n^2 - 1} = \frac{P_n^2 - 1}{P_n^2 - 1} = 1 \Rightarrow \frac{m}{m} = 1 \Rightarrow m = 1$$

فرض ① $\Rightarrow m = 1 \mid \Rightarrow \frac{m}{m} = 1 \Rightarrow m = 1$

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