

$$\left[\frac{a}{r}\right]_0^{\infty} \rightarrow \text{as } r \rightarrow \infty, a/r = 0 \quad (1)$$

[illegible]

$$u_{\text{ext}}^T \rightarrow u_{\text{ext}}^T \rightarrow y_c^T \left[\frac{K^+}{r} \right] + a \left[\frac{0^-}{r} \right] = K - a$$

$$u \in \mathbb{R} \rightarrow y \in \mathbb{R} \left[\frac{p}{r} \right] + a \left[\frac{o}{r} \right] \in \mathbb{R}$$

$$\begin{aligned} & \rightarrow \text{fact} \rightarrow \text{act} \\ & \hookrightarrow \left[\frac{p}{n} \right]_{\text{do}} \end{aligned}$$

(م-ش)

جمعه
۱۶ خرداد

١٠ ذي الحجه ١٤٤٦

۱۵ پنج شنبه
خرداد

٩ ذى الحجه ١٤٤٦

٩ ذي الحجه ١٤٢٦ هـ

١٠ ذي الحجه ١٤٢٦ هـ

Li $\{ \sqrt{s} - 1 \}$ $\geq ?$

$n \rightarrow (\frac{2}{3})$

$\rightarrow [0] \leq [-1]$

$\sin \frac{1}{r} -$

$\sqrt{x} \frac{1}{r} - 1 < 0$

(٢)

$$\lim_{n \rightarrow \infty} [A_n - a] \rightarrow 0$$

$$n \rightarrow -\frac{1}{p} \rightarrow \wedge \left(-\frac{1}{p} \right) + \frac{1}{2} = -\frac{1}{2} + \frac{1}{2} = 0 \rightarrow \frac{1}{2} \rightarrow \frac{1}{2}$$

$$\rightarrow \left[\lambda \left(-\frac{1}{\lambda} \right) + \frac{1}{\lambda} \right]_2 \left[-\frac{1}{\lambda} \right]_c \left[-1 \right]$$

$$\lim_{n \rightarrow \infty} \frac{1 - n - 0 + \left[\frac{n}{n^2}\right]}{1 - n - 0 + \left[\frac{n}{n^2}\right]} = \left[\frac{n}{n^2}\right] \in \left[\frac{1}{n}\right] \in \mathbb{N}$$

$$n \rightarrow \left(-\frac{1}{n}\right) = 1 - n - \left[\frac{-1}{n^2}\right] \quad \left[\frac{-1}{n^2}\right] \in \left[\frac{-1}{n^2}\right] \in \left[-n\right] = -n$$

$$\rightarrow \frac{1 \cdot \left(-\frac{1}{n}\right) - 0 + 11}{1 - \left(-\frac{1}{n}\right) - (-1)} = \frac{-\frac{1}{n} - 0 + 11}{-1 + 1} = \frac{1}{0} = \boxed{-\infty}$$

$$\lim_{n \rightarrow 1} \frac{\sin 2n}{1 + \cos 2n} = \frac{\sin 2n}{1 + \cos 2n} \quad (8)$$

$$\rightarrow \frac{\sin 2n}{1 + \cos 2n} \times \frac{1 - \cos 2n}{1 - \cos 2n} = \frac{\sin 2n (1 - \cos 2n)}{1 - \cos^2 2n} = \frac{\sin 2n}{1 - \cos 2n} = \boxed{2}$$

شهادت مظلومانه زائران خانه خدا به دست مأموران آل سعود (۱۳۶۶ هـ ش - برابر با ۶ ذی الحجه ۱۴۰۷ هـ ق)

سه شنبه ۱۳ خرداد
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$$\lim_{n \rightarrow \infty} \frac{\sqrt{4n+3} - \sqrt{n+3}}{1 - \frac{n}{\sqrt{n}}}$$

$$\lim_{n \rightarrow \infty} \frac{\frac{\sqrt{4n+3}}{\sqrt{n}} - \frac{\sqrt{n+3}}{\sqrt{n}}}{\frac{1}{\sqrt{n}}} = \frac{\frac{1}{\sqrt{n}} - \frac{1}{\sqrt{n}}}{\frac{1}{\sqrt{n}}} = \frac{0}{\frac{1}{\sqrt{n}}} = 0$$

$$\frac{1}{\sqrt{n}} \rightarrow 0$$

$$\lim_{n \rightarrow \infty} \frac{n - \sqrt{n+1}}{n - \sqrt{n+1}} = \frac{n - \sqrt{n+1}}{n - \sqrt{n+1}} = \frac{1 - \frac{1}{\sqrt{n}}}{1 - \frac{1}{\sqrt{n}}} = \boxed{\frac{-1}{0}} \quad (9)$$

$$\frac{ab}{c} \text{ ؟ } \lim_{n \rightarrow 0} \frac{a + \sqrt{bn+c}}{n} = \frac{1}{r} \quad (\Delta)$$

$$\text{hyp } \left. \begin{aligned} \frac{b}{r+c} = \frac{1}{r} &\rightarrow \sqrt{c+r}b \\ a &= -\sqrt{c} \end{aligned} \right\} ab_c = \frac{c}{r} \times \frac{1}{c} = \boxed{\frac{-1}{r}}$$

$$\frac{0}{0} \rightarrow a + \sqrt{c} = 0$$

$$\lim_{n \rightarrow -\infty} \frac{r + k \left[\frac{n}{r} \right]}{\sin n} = +\infty \rightarrow [-k] \text{ ؟ } \quad (9)$$

$$\hookrightarrow n > -r \rightarrow n > -r \rightarrow \frac{r - r_k}{0^+} > 0 \quad \begin{matrix} r_k < r \\ k < r \end{matrix}$$

$$\hookrightarrow n < -r \rightarrow n < -r \rightarrow \frac{r - r_k}{0^-} < 0 \rightarrow r_k > r \rightarrow k > \frac{r}{r}$$

$$\rightarrow \frac{r}{r} < k < r \rightarrow \frac{r}{r} > -k > -r$$

$$\hookrightarrow [-k] = \boxed{-r}$$

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۱۳ ذی الحجه ۱۴۴۶

$$\lim_{n \rightarrow \infty} \frac{b \sqrt{a + \sqrt[n]{n}} - r b}{an - b} = ? \quad a \neq 0 \quad (10)$$

$$\text{!} \rightarrow na + b = 0 \rightarrow b = -na$$

$$\frac{0}{0} \rightarrow \text{hyp } \frac{-na \times \frac{1}{r \times r}}{n \times r} = \frac{1 \times -a}{r \times r} = \boxed{\frac{-1}{r}}$$

کتابهای بابت کتابهای دستنویس و غیره