

إعدادي 2020

رافارمان قاعدة لوبيتال سنتر فيوتشر







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سنتر فيوتشر

النفايات باستخدام عادده ليبوكا له ... Chapter

Mob: 0112 3333 122

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$$e = \infty$$
 $100 = \infty$

$$\frac{1}{1000} \frac{1}{1000} \frac{1}{1000$$

$$\sqrt{\frac{1-x^2}{1-x^2}} = 1$$

$$+ \lim_{x \to \infty} \frac{e^x - \overline{e}^x}{x} = \frac{1 - 1}{0} = \frac{9}{0}$$

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$$\chi \rightarrow c \qquad \frac{1 - Co SX}{X^2} = \lim_{X \rightarrow c} \frac{SinX}{2X} = \frac{c}{c}$$

$$\lim_{X \rightarrow c} \frac{CoSX}{X^2} = \frac{1}{2} \lim_{X \rightarrow c} \frac{SinX}{2X} = \frac{c}{c}$$

$$\frac{1}{4} \lim_{x \to 0} \frac{x - \tan x}{\sin x} = 0$$

$$x \xrightarrow{lim} = \frac{1 - Sec^2 x}{GSX} = \frac{1 - 1}{9} = \frac{1}{2}$$

$$\frac{1}{1}$$
 $\frac{e^{2}-1}{cosx-1} = \frac{1-1}{1-1} = \frac{e}{e}$

$$\frac{1}{x} = \frac{2x}{8} = \frac{2}{6}$$

$$\frac{2x}{x} = \frac{2}{6}$$

$$\frac{1}{100}$$
 $\frac{2e^{x^2} + 2x(2x)e^{x^2}}{-\cos x} = \frac{2+0}{-1}$

ادالا، النائح هـ ه الحد صورة كريا الخالاء المائح هـ ه الحد صورة كريا المائح ال I'm Secx - tanx $\frac{1}{x} = \frac{3inx}{\cos x} = \frac{0}{0}$ $\frac{1}{x} = \frac{-GSX}{-Sinx} = \frac{0}{1} = 0$ $\frac{1}{x \rightarrow 1} \left[\frac{1}{x-1} - \frac{1}{1nx} \right]$ $\frac{1}{x} = \frac{1}{x} = \frac{2}{6}$ 1im (x-1) + 1nx تخدم فيم المتعويم ال

$$\frac{1-x}{(x-1)+x\ln x}$$

$$\frac{1}{1 + x + \frac{1}{1 + x}} = \frac{-1}{1 + 1 + 0}$$

$$= -\frac{1}{2}$$

$$\lim_{x \to 0} \left[\frac{1}{x} - \frac{1}{\sin x} \right] = \infty - \infty$$

$$\frac{1}{x} = \frac{3inx - z}{x \sin x}$$

$$\frac{1}{x} \xrightarrow{lim} \frac{cosx}{sinx + x cosx} = \frac{0}{0}$$

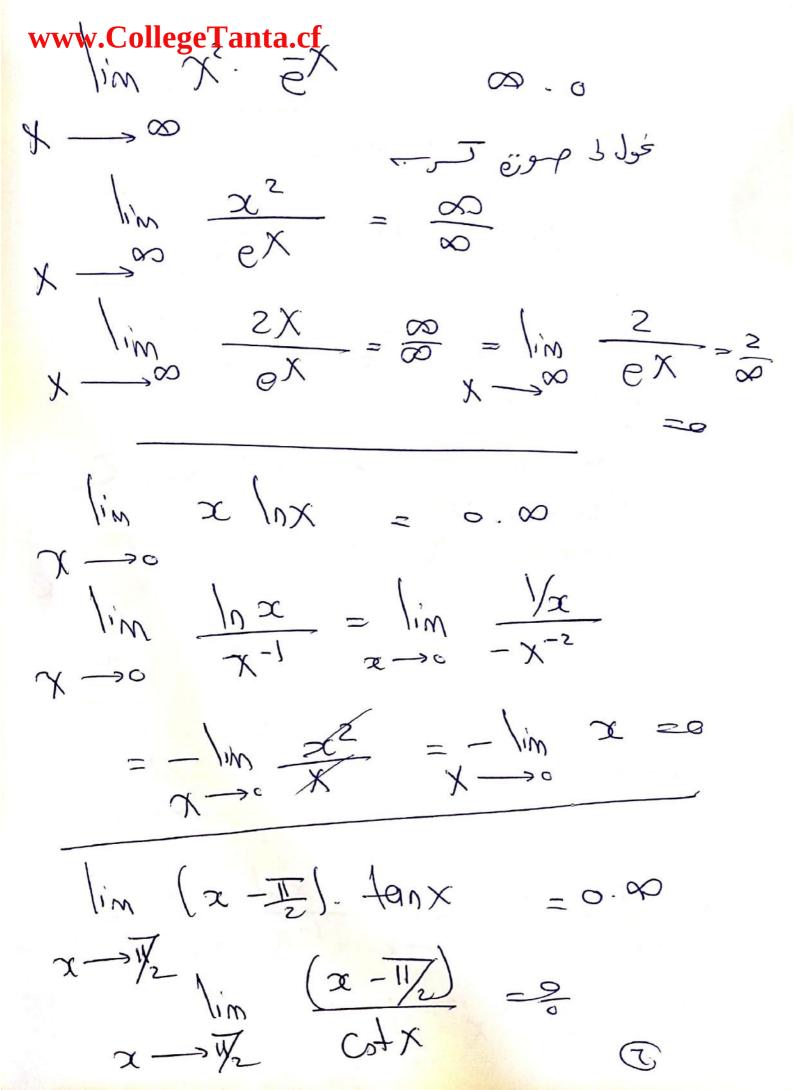
$$\frac{1}{x} = \frac{e^{x}}{e^{x}} = \frac{e^{x}}{e^{x}}$$

$$\frac{1}{x} = \frac{-11}{2} \frac{3in(211x)}{2e^{x} - 2e} = \frac{0}{0}$$

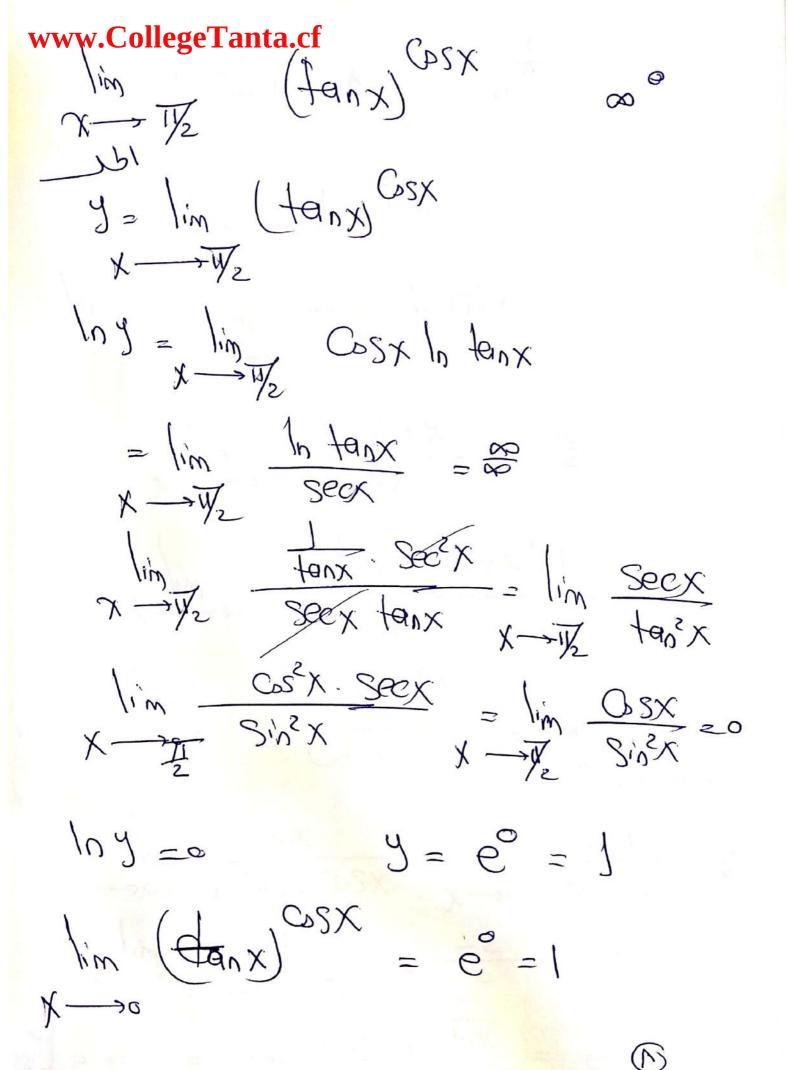
$$= \frac{-2\pi^2(-1)}{4.e} = \frac{91^2}{2e} \#$$

$$\gamma \rightarrow 1$$
 $C_{s}+(IX)$ $= \frac{0}{0}$

$$\frac{1}{x-1} \frac{-1}{-x} \frac{-1}{\cos \sec^2(\frac{\pi x}{2})} = \frac{2 \sin^2(\frac{\pi x}{2})}{\pi}$$



www.CollegeTanta.cf 2-1/ $= \lim_{x \to 1/2} - Sin^2(x) = -1$ 101821W3 00 00 , 00 ئغرض داسات = ۲ نا قد ۱۰ المغرض و یو کاک ذمرام لید تال - Jist مَ نوج النافي الدي In y = lin xlnx $|0|^{2} = |1|^{2} = |1|^{2} = |1|^{2} = |1|^{2} = |1|^{2} = |1|^{2}$ J = /im x = e = 1 (1) my zo



www.CollegeTanta.cf lim (Cotx) Inx 9 = 1im (Cotx) Inx Iny = lim Inx In Ostx 1 lim lox = 000 = lim costx (-Cosecex) $\frac{1}{x} = \frac{-x \cos e^{2x}}{\cot x} = \frac{1}{\sin -x \sin x}$ $= \lim_{N \to \infty} \frac{-2x}{2 \sin x} = \lim_{N \to \infty} \frac{-2x}{2 \sin x} = \frac{8}{9}$ J = e' = /m (Cot x) fox = e'

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I'm
$$(\frac{1}{x})$$
 $\frac{1}{4}$ $\frac{1}{x}$ $\frac{1}{x}$

J= e= 1 #