$\widehat{\mathcal{T}} \stackrel{\xi}{\mathcal{T}} = \frac{s \ln \frac{T}{\xi}}{cos \frac{T}{\xi}} : \frac{s \ln \left( \frac{T}{\xi} - \frac{T}{\xi} \right)}{cos \left( \frac{T}{\xi} - \frac{T}{\xi} \right)} = \frac{s \ln \left( \frac{T}{\xi} - \frac{T}{\xi} \right)}{cos \left( \frac{T}{\xi} - \frac{T}{\xi} \right)} = \frac{s \ln \left( \frac{T}{\xi} - \frac{T}{\xi} - \frac{T}{\xi} \right)}{cos \left( \frac{T}{\xi} - \frac{T}{\xi} - \frac{T}{\xi} - \frac{T}{\xi} - \frac{T}{\xi} \right)}{cos \left( \frac{T}{\xi} - \frac$ 

$$4x = x + 24\pi$$

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$$3x = 24\pi$$

$$4x + x = \pi + 24\pi$$

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$$4x + x$$

(4) 
$$(052x - 3(05x + 2 = 0)$$
  
 $(05^2x - 5im^2x - 3(05x + 2 = 0)$   
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Ge 
$$ctg \times -tg \times = 2\sqrt{3}$$

$$\frac{cosx}{sinx} - \frac{sinx}{cosx} = 2\sqrt{3}$$

$$\frac{cos^2x - sin^2x}{sinx \cdot cosx} = 2\sqrt{3}$$

$$\frac{sinx \cdot cosx}{sinx \cdot cosx}$$

$$cos 2x = \sqrt{3} sinx \cdot cosx}$$

$$\frac{cos^2x - sin^2x}{sinx \cdot cosx} = \sqrt{3} sinx \cdot cosx}$$

$$\frac{cos^2x}{sin^2x} = \sqrt{3}$$

$$ctg 2x = \sqrt{3}$$

Gi) 
$$\int z \sin x (0s \frac{x}{2} = \int 1 + (0sx)$$
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$$\frac{1}{\sqrt{2}} \cos x + \sin x = 1$$

$$\frac{1}{\sqrt{2}} \cos x + \int_{\overline{2}} \sin x = \int_{\overline{2}} \int_{\overline{2}} \int_{\overline{2}} \sin x = \int_{\overline{2}} \int_{\overline{$$

$$\frac{(7a)}{25im^{2}x-5im^{2}-1>0}$$

$$\Delta = 1+8 = 3^{2}$$

$$5imx = \frac{1+3}{4} = (-\infty, \frac{1}{2})U(1, +\infty)$$

$$5imx = \frac{1}{2} = (-\infty, \frac{1}{2})U(1, +\infty)$$

$$5imx = \frac{1}{2} = (-\infty, \frac{1}{2})U(1, +\infty)$$

$$5imx > 1$$

$$5imx > 1$$

$$\frac{2s_{imx+1}}{2cosx} \leq 0$$

$$\frac{1}{2} \begin{cases} 2 \sin x + 1 \le 0 \\ 2 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \sin x \le -\frac{1}{2} \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \\ 3 \cos x > 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases} = \frac{1}{2} \begin{cases} 3 \cos x + 1 \le 0 \end{cases}$$