

$$NoI = \begin{bmatrix} .1 = -\frac{8\pi}{3} & .2 = -9\pi & .3 = \frac{7\pi}{3} \\ .4 = -\frac{7\pi}{6} & .5 = -\frac{13\pi}{4} & .6 = -\frac{17\pi}{2} \end{bmatrix}$$

$$No2 = \left[.1 = \cos\left(\frac{3\pi}{4}\right) \quad .2 = \cos\left(\frac{5\pi}{3}\right) \quad .3 = \sin\left(\frac{7\pi}{6}\right) \right]$$

$$No3 = \left(\sin(A) = \frac{3}{7} \right), \quad , No4 = \left(\sec(A) = \frac{x}{7} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = \cos(3 \theta)) \\ .2 = \left(y = 6 \sin\left(\frac{\theta}{4}\right)\right) \end{bmatrix}, \quad No6 = \begin{bmatrix} .1 = \frac{\pi}{6}, .2 = 180^\circ \end{bmatrix}, \quad \begin{bmatrix} P \\ V \\ S \\ S \end{bmatrix}$$

$$No7 = \left[Condition1 = [\sin(\theta) < 0], Condition2 = \left[\cos(\theta) = \frac{4}{11} \right], Quest = \cot(\theta) \right], \quad , \quad \begin{bmatrix} P \\ V \\ S \\ S \end{bmatrix}$$

$$No8 = \begin{bmatrix} .1 = \sin\left(\frac{13\pi}{12}\right) \\ .2 = \sin\left(\frac{\pi}{3}\right)\cos\left(\frac{\pi}{12}\right) - \cos\left(\frac{\pi}{3}\right)\sin\left(\frac{\pi}{12}\right) \end{bmatrix}, \quad \begin{bmatrix} M \\ a \\ t \\ h \\ @ \\ MUT \end{bmatrix}$$

$$No9 = \left[\begin{array}{c} \left[A = 0, B = \frac{\pi}{2}, C = \pi, D = \frac{3\pi}{2} \right] \\ \left[Cond1 = \left(\cos(\alpha) = \frac{5}{7} \right), Cond2 = \left(\sin(\beta) = \frac{-1}{2} \right) \right] \\ \left[\begin{array}{cc} .1 = \sin(\alpha) & .2 = \cos(\beta) \\ .3 = \cos(\alpha + \beta) & .4 = \sin(\alpha - \beta) \end{array} \right] \end{array} \right]$$

$$No10 = \left[.1 = \arcsin\left(\frac{\sqrt{3}}{2}\right) \quad .2 = \tan\left(\arcsin\left(\frac{1}{2}\right)\right) \quad .3 = \arcsin\left(\sin\left(\frac{17\pi}{6}\right)\right) \right]$$

[illegible]

$$NoI = \begin{bmatrix} .1 = \frac{13 \pi}{3} & .2 = -\frac{9 \pi}{2} & .3 = \frac{14 \pi}{3} \\ .4 = -12 \pi & .5 = -\frac{11 \pi}{4} & .6 = -\frac{5 \pi}{6} \end{bmatrix}$$

$$No2 = \left[.I = \sin\left(\frac{7\pi}{6}\right) \quad .2 = \sin\left(\frac{2\pi}{3}\right) \quad .3 = \cos\left(\frac{7\pi}{4}\right) \right]$$

$$No3 = \left(\cos(A) = \frac{3}{7} \right), \quad , No4 = \left(\sin(A) = \frac{7}{x} \right)$$

$$No5 = \begin{bmatrix} .1 = (y = -3 \sin(5 \theta)) \\ .2 = \left(y = \frac{1}{6} \cos(2 \theta)\right) \end{bmatrix}, \quad No6 = \begin{bmatrix} .1 = \frac{\pi}{2}, .2 = (-45)^\circ \end{bmatrix}, \quad \begin{bmatrix} P \\ V \\ S \\ S \end{bmatrix}$$

$$No7 = [Condition1 = [\cot(\theta) = -6], Condition2 = [0 < \cos(\theta)], Quest = \csc(\theta)], \quad , \quad \begin{bmatrix} P \\ V \\ S \\ S \end{bmatrix}$$

$$No8 = \begin{bmatrix} .1 = \cos\left(-\frac{13\pi}{12}\right) \\ .2 = \cos\left(\frac{\pi}{3}\right)\cos\left(\frac{\pi}{12}\right) + \sin\left(\frac{\pi}{3}\right)\sin\left(\frac{\pi}{12}\right) \end{bmatrix}, \quad \begin{bmatrix} M \\ a \\ t \\ h \\ @ \\ MUT \end{bmatrix}$$

$$No9 = \left[\begin{array}{c} \left[A = 0, B = \frac{\pi}{2}, C = \frac{\pi}{2}, D = \pi \right] \\ \left[Cond1 = \left(\sin(\alpha) = \frac{1}{5} \right), Cond2 = \left(\cos(\beta) = \frac{-2}{7} \right) \right] \\ \left[\begin{array}{cc} .1 = \cos(\alpha) & .2 = \sin(\beta) \\ .3 = \cos(\alpha + \beta) & .4 = \sin(\beta - \alpha) \end{array} \right] \end{array} \right]$$

$$NoI\theta = \left[.1 = \arcsin\left(\sin\left(-\frac{7\pi}{6}\right)\right) \quad .2 = \arctan\left(\frac{\sqrt{3}}{3}\right) \quad .3 = \tan\left(\arccos\left(-\frac{\sqrt{3}}{2}\right)\right) \right]$$

$$No10 = \left[.1 = \arccos\left(-\frac{\sqrt{3}}{2}\right) \quad .2 = \sin(\arctan(-\sqrt{3})) \quad .3 = \arccos\left(\cos\left(-\frac{\pi}{6}\right)\right) \right]$$

$$No10 = \left[.1 = \sin\left(\arccos\left(-\frac{\sqrt{2}}{2}\right)\right) \quad .2 = \arccos(0) \quad .3 = \arcsin\left(\sin\left(\frac{11\pi}{6}\right)\right) \right]$$

[illegible]