$$V_{4} = \overline{a} + \overline{y} = V_{4} \cos \theta + V_{4} \sin \theta$$

$$V_{7} = \overline{a} + \overline{y} = -V_{7} \cos (90 - \theta) + V_{7} \sin (90 - \theta)$$

$$\overline{a} = 3_{1} - 3_{1} \approx \overline{a}$$

$$\overline{y} = y_{1} - y_{1} \approx \overline{y}$$

$$\overline{y} = y_{2} - y_{1} \approx \overline{y}$$

$$\overline{y} = V_{3} \sin \theta + V_{7} \sin (90 - \theta) \times \cos (90 - \theta) \times \cos (90 - \theta) \times \cos (90 - \theta)$$

$$\overline{y} = V_{3} \sin \theta + V_{7} \sin (90 - \theta) \times \cos (90 - \theta) \times \cos (90 - \theta) \times \cos (90 - \theta)$$

$$\overline{y} = V_{3} \sin \theta + V_{7} \sin (90 - \theta) \times \cos (90 - \theta) \times \cos (90 - \theta) \times \cos (90 - \theta)$$

$$\overline{y} \cos \theta = V_{3} \sin \theta \cos \theta + V_{7} \sin (90 - \theta) \cos \theta$$

$$\overline{y} \cos \theta = V_{3} \sin \theta \cos \theta + V_{7} \sin (90 - \theta) \cos \theta$$

$$\overline{y} \cos \theta = V_{7} \cos \theta = -V_{7} (\cos (90 - \theta) \sin \theta) + \sin (90 - \theta) \cos \theta$$

$$\overline{y} \cos \theta = V_{7} \cos (90 - \theta) + V_{7} \sin (90 - \theta) \cos (90 - \theta)$$

$$\overline{y} \cos (90 - \theta) = V_{7} \cos (90 - \theta) + V_{7} \sin (90 - \theta) \cos (90 - \theta)$$

$$\overline{y} \cos (90 - \theta) = V_{7} \cos (90 - \theta) + V_{7} \sin (90 - \theta) \cos (90 - \theta)$$

$$\overline{y} \cos (90 - \theta) + \overline{y} \cos (90 - \theta) + V_{7} \sin (90 - \theta) \cos (90 - \theta)$$

$$\overline{y} \cos (90 - \theta) + \overline{y} \cos (90 - \theta) + V_{7} \sin (90 - \theta) \cos (90 - \theta)$$

$$\overline{y} \cos (90 - \theta) + \overline{y} \cos (90 - \theta) + V_{7} \sin (90 - \theta) \cos (90 - \theta)$$

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$$\overline{y} \cos (90 - \theta) \cos ($$

$$Va = \pi^{2}\cos\theta + \sqrt{3}\sin\theta$$

$$Va = -\pi^{2}\sin\theta + \sqrt{3}\cos\theta$$