

$$\cos x + \cos y = 1/\sqrt{2}$$

$$x - y = \pi/2$$

$$x = \pi/2 + y$$

$$\cos(\pi/2 + y) + \cos y = 1/\sqrt{2}$$

$$-\sin(y) + \cos y = 1/\sqrt{2}$$

$$\cos y - \sin y = 1/\sqrt{2}$$

$$\sqrt{2}(\cos y \cdot \sin a - \sin y \cdot \cos a) = 1/\sqrt{2}$$

$$\sin a = 1/\sqrt{2}$$

$$\cos a = 1/\sqrt{2}$$

$$\sqrt{2} \sin(\pi/4 - y) = 1/\sqrt{2}$$

$$\sin(\pi/4 - y) = 1$$

$$\pi/4 - y = \pi/2 + 2\pi k$$

$$y = \pi/4 - \pi/2 + 2\pi k$$

$$y = -\pi/4 + 2\pi k$$

$$x = \pi/4 + 2\pi k$$

$$\text{Ответ: } (\pi/4 + 2\pi k; -\pi/4 + 2\pi k)$$