

№9



$$8\sin^2 x + 6\sin\left(\frac{\pi}{2} + x\right) = 9;$$

$$x = \arccos - + , n \in \mathbb{Z}$$

$$x = \frac{\pi}{2} + , k \in \mathbb{Z}$$

$$6\cos^2 x + 5\cos\left(\frac{\pi}{2} - x\right) = 7;$$

$$x = (-1) \arcsin - + , n \in \mathbb{Z}$$

$$x = (-1) \frac{\pi}{2} + , k \in \mathbb{Z}$$

