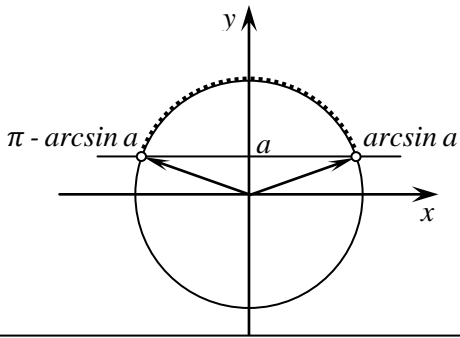


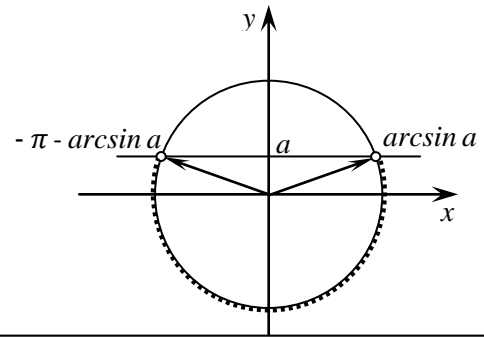
Решение тригонометрических неравенств

$$\sin t > a$$



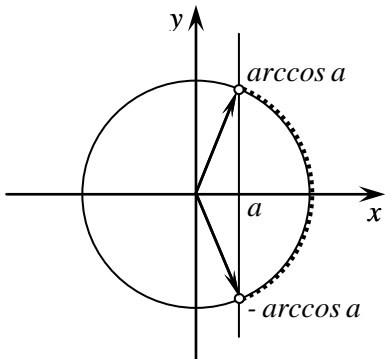
$$\arcsin a + 2\pi n < t < \pi - \arcsin a + 2\pi n, n \in \mathbf{Z}$$

$$\sin t < a$$



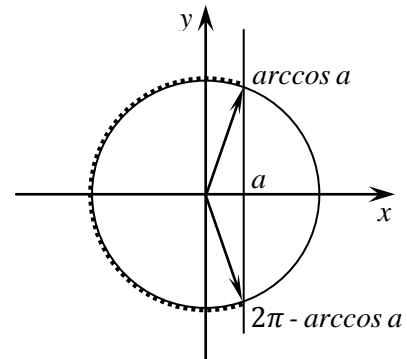
$$-\pi - \arcsin a + 2\pi n < t < \arcsin a + 2\pi n, n \in \mathbf{Z}$$

$$\cos t > a$$



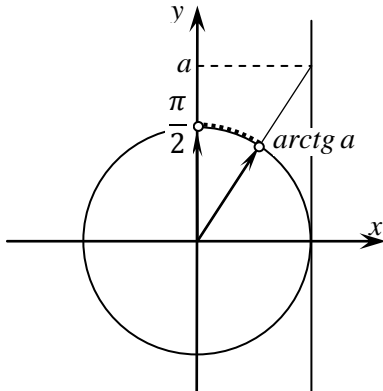
$$-\arccos a + 2\pi n < t < \arccos a + 2\pi n, n \in \mathbf{Z}$$

$$\cos t < a$$



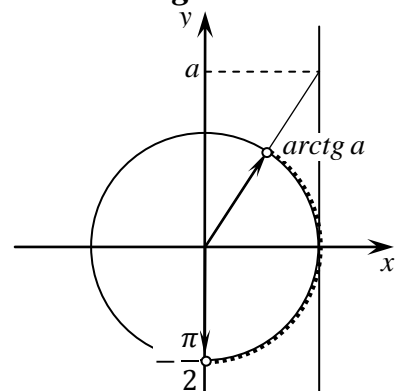
$$\arccos a + 2\pi n < t < 2\pi - \arccos a + 2\pi n, n \in \mathbf{Z}$$

$$\operatorname{tg} t > a$$



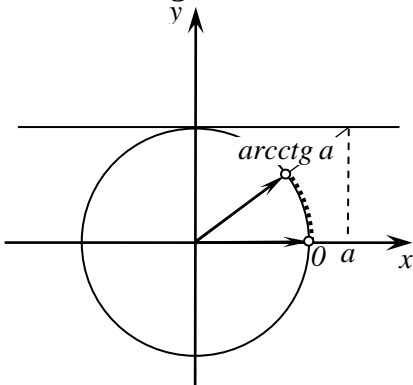
$$\arctg a + \pi n < t < \frac{\pi}{2} + \pi n, n \in \mathbf{Z}$$

$$\operatorname{tg} t < a$$



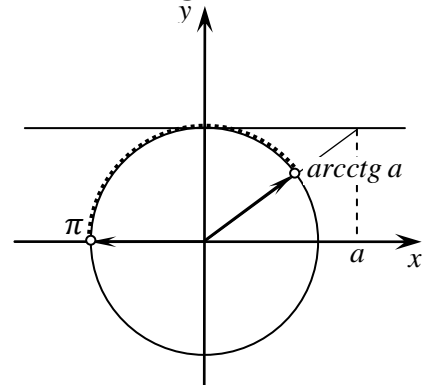
$$-\frac{\pi}{2} + \pi n < t < \arctg a + \pi n, n \in \mathbf{Z}$$

$$\operatorname{ctg} t > a$$



$$\pi n < t < \operatorname{arcctg} a + \pi n, n \in \mathbf{Z}$$

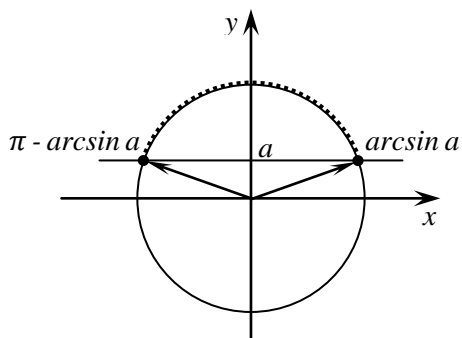
$$\operatorname{ctg} t < a$$



$$\operatorname{arcctg} a + \pi n < t < \pi + \pi n, n \in \mathbf{Z}$$

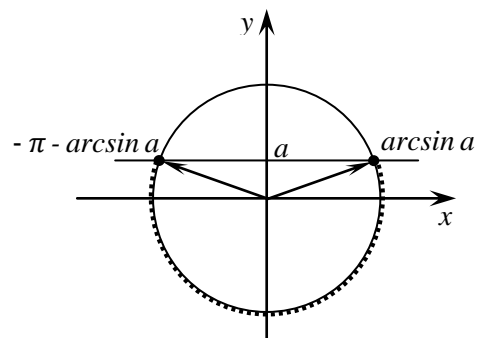
Решение тригонометрических неравенств

$$\sin t \geq a$$



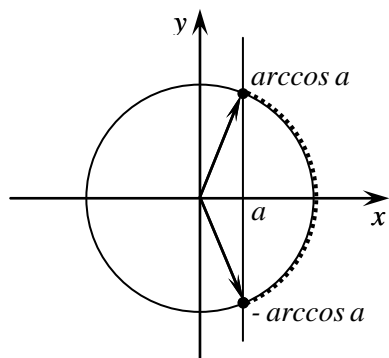
$$\arcsin a + 2\pi n \leq t \leq \pi - \arcsin a + 2\pi n, n \in \mathbf{Z}$$

$$\sin t \leq a$$



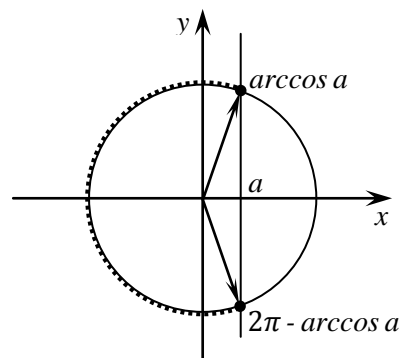
$$-\pi - \arcsin a + 2\pi n \leq t \leq \arcsin a + 2\pi n, n \in \mathbf{Z}$$

$$\cos t \geq a$$



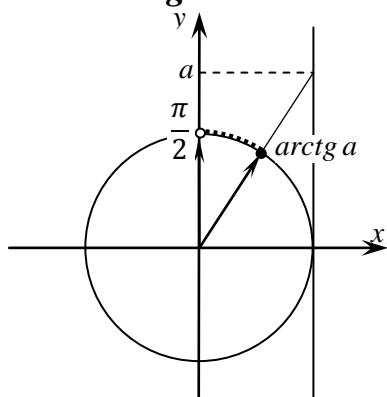
$$-\arccos a + 2\pi n \leq t \leq \arccos a + 2\pi n, n \in \mathbf{Z}$$

$$\cos t \leq a$$



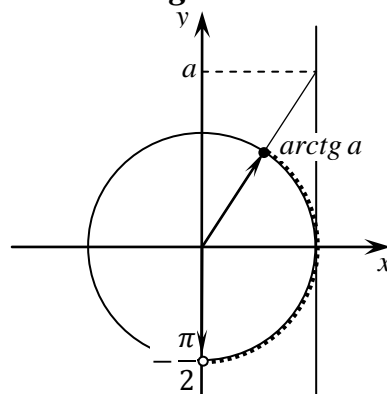
$$\arccos a + 2\pi n \leq t \leq 2\pi - \arccos a + 2\pi n, n \in \mathbf{Z}$$

$$\operatorname{tg} t \geq a$$



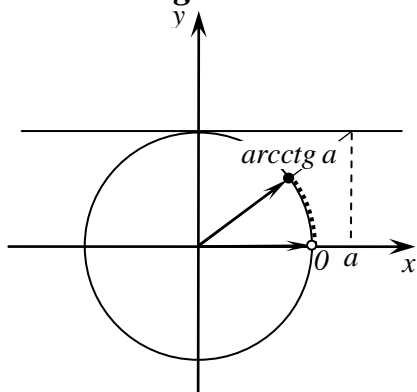
$$\operatorname{arctg} a + \pi n \leq t < \frac{\pi}{2} + \pi n, n \in \mathbf{Z}$$

$$\operatorname{tg} t \leq a$$



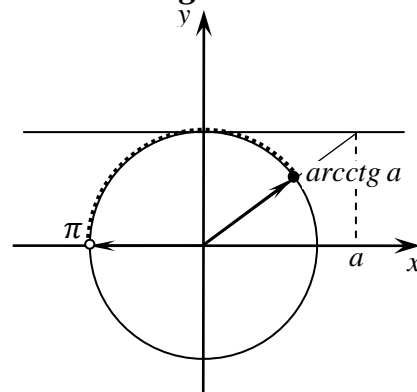
$$-\frac{\pi}{2} + \pi n < t \leq \operatorname{arctg} a + \pi n, n \in \mathbf{Z}$$

$$\operatorname{ctg} t \geq a$$



$$\pi n < t \leq \operatorname{arcctg} a + \pi n, n \in \mathbf{Z}$$

$$\operatorname{ctg} t \leq a$$



$$\operatorname{arcctg} a + \pi n \leq t < \pi + \pi n, n \in \mathbf{Z}$$