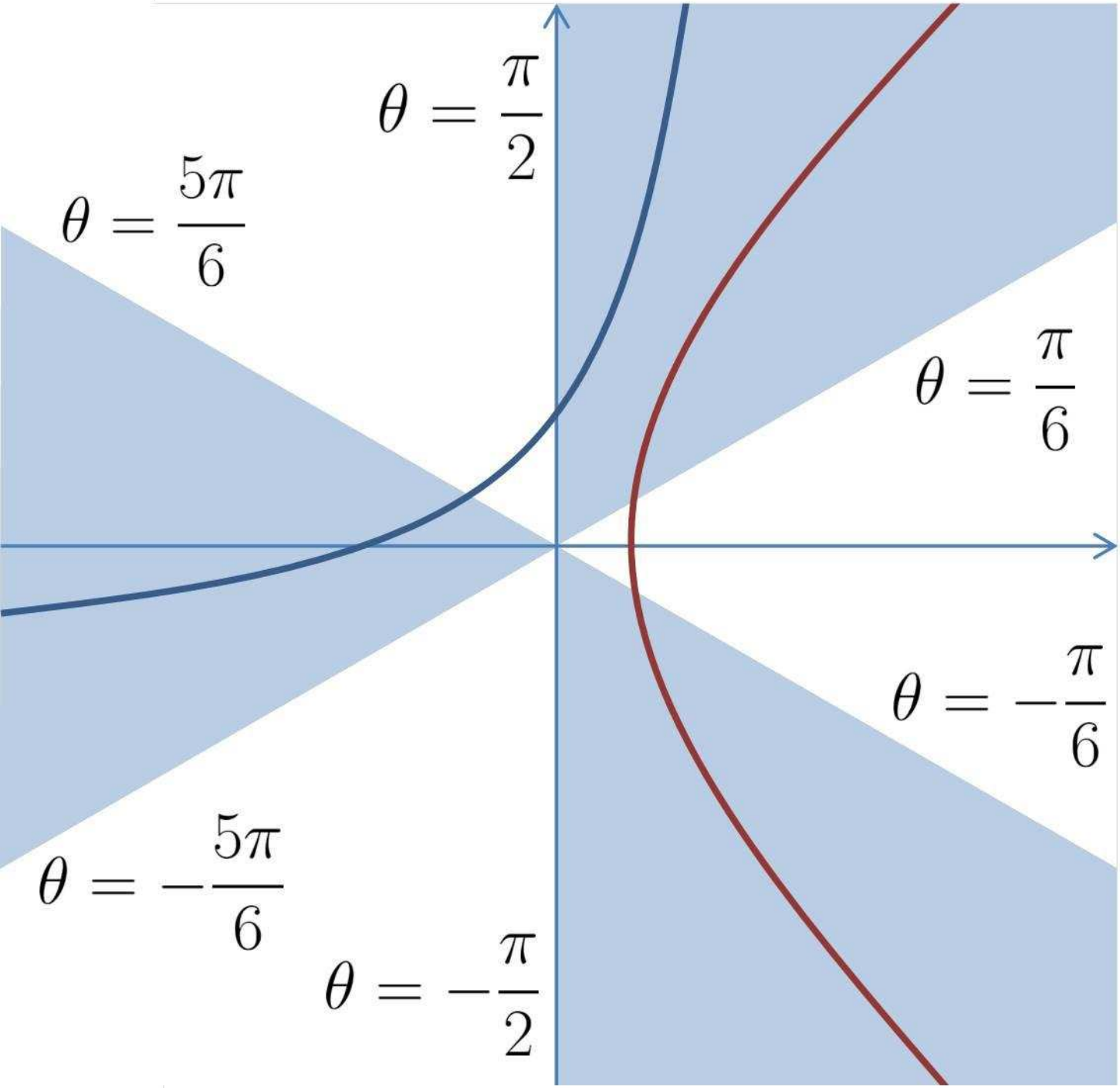
$\theta = \frac{\pi}{2}$
$\theta = \frac{5\pi}{6}$
$\theta = \frac{\pi}{6}$
$\theta = -\frac{\pi}{6}$
$\theta = -\frac{5\pi}{6}$
$\theta = -\frac{\pi}{2}$