

$XI(a, b, s, t, \text{theta});$

$$s \left(\frac{a \left(\tan \left(\arctan \left(\frac{b \sin(t)}{-a \cos(t) + a} \right) + \theta \right) - \tan \left(\arctan \left(\frac{b \sin(t)}{a \cos(t) + a} \right) + \theta \right) \right)}{\tan \left(\arctan \left(\frac{b \sin(t)}{a \cos(t) + a} \right) + \theta \right) + \tan \left(\arctan \left(\frac{b \sin(t)}{-a \cos(t) + a} \right) + \theta \right)} + a \right) - a$$