$$
\begin{aligned}
\sec ^{2} x-\tan x \cot x & =\tan ^{2} x \\
\sec ^{2} x-\frac{\operatorname{sen} x}{\cos x} \frac{\cos x}{\sin x} & = \\
\sec ^{2} x-1 & = \\
\tan ^{2} x+1-1 & =1 \\
\tan 2 x & =\tan ^{2} x
\end{aligned}
$$

$$
\begin{aligned}
\frac{\sin A}{\csc A}+\frac{\cos A}{\sec A} & =\boldsymbol{\operatorname { c s c }}^{2} \boldsymbol{A}-\cot ^{2} \boldsymbol{A} \\
\frac{\sin A}{\frac{1}{\sin A}}+\frac{\cos A}{\frac{1}{\cos A}} & =1+\cot ^{2} A-\cot ^{2} A \\
\sin ^{2} A+\cos ^{2} A & =1 \\
1 & =1
\end{aligned}
$$

$$
\begin{gathered}
\frac{7 \sin \theta+5 \cos \theta}{\sin \theta \cos \theta}=7 \sec \theta+5 \csc \theta \\
\frac{7 \sin \theta}{\sin \theta \cos \theta}+\frac{5 \cos \theta}{\sin \theta \cos \theta}= \\
\frac{7}{\cos \theta}+\frac{5}{\sin \theta}= \\
7\left(\frac{1}{\operatorname{css} \theta}\right)+5\left(\frac{1}{\sin \theta}\right)= \\
7 \sec \theta+5 \csc \theta=7 \sec \theta+5 \csc \theta \\
\frac{1.434}{13-27 \text { od } t}
\end{gathered}
$$

