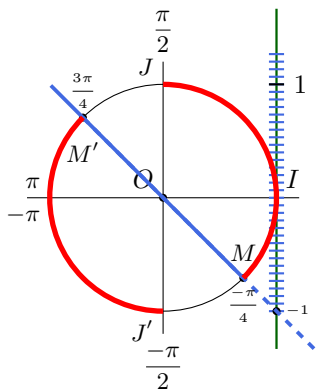




$$x \in]-\pi, \pi] \quad \frac{1 + \tan x}{\sin(2x)} \geq 0$$

$$S = \left] \frac{-\pi}{2}, \frac{-\pi}{4} \right] \cup \left[0, \frac{\pi}{2} \right] \cup \left[\frac{3\pi}{4}, \pi \right[$$



x	$-\pi$	$-\frac{\pi}{2}$	$-\frac{\pi}{4}$	0	$\frac{\pi}{2}$	$\frac{3\pi}{4}$	π	
$1 + \tan x$	+	-	0	+	+	-	0	+
$\sin 2x$	0	-	-	-	0	+	+	0
$\frac{1 + \tan x}{\sin 2x}$	-	+	0	-	0	+	-	0