

$$\text{tg}^2x - \text{tg}x < 0$$

$\text{tg}x = t$
 $t^2 - t < 0$
 $t(t-1) < 0$
 $t = 0$
 $t = 1$
 $t \in (0; 1)$
 $\text{pk} < x \leq \text{p}/4 + \text{pk}$

