Resolva a equação $(\sin x)(\cos x) = \frac{1}{2}$ em $\mathbb{U} = \mathbb{R}$.

$\frac{\sin 2x}{2} = \frac{1}{2} \ \therefore \ 2x = \frac{\pi}{2} + 2k\pi, \ k \in \mathbb{Z}$

$S = \{x \in \mathbb{R} \mid x = \frac{\pi}{4} + k\pi, \ k \in \mathbb{Z}\}$

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