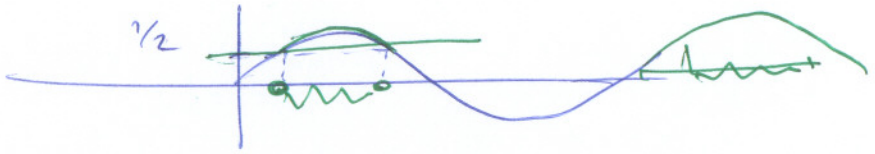
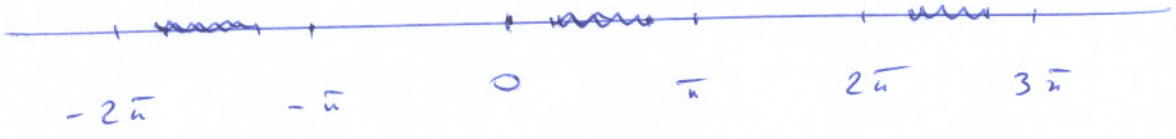
$\operatorname{sen} x \geq \frac{1}{2}$



$\frac{\pi}{6} \leq x \leq \frac{5}{6}\pi$

Soluzione : $\bigcup_{k \in \mathbb{Z}} \left[\frac{\pi}{6} + 2k\pi , \frac{5}{6} + 2k\pi \right]$



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② $a \operatorname{sen} x + b \cos x + c = 0 \qquad c \neq 0$

↳
$$\begin{cases} at + bs + c = 0 \\ t^2 + s^2 = 1 \end{cases}$$

$t = \operatorname{sen} x$

$s = \cos x$

t, s nuove incognite

Se $c = 0$ si divide per $\cos x$ e si ottiene

$a \operatorname{tg} x + b = 0$