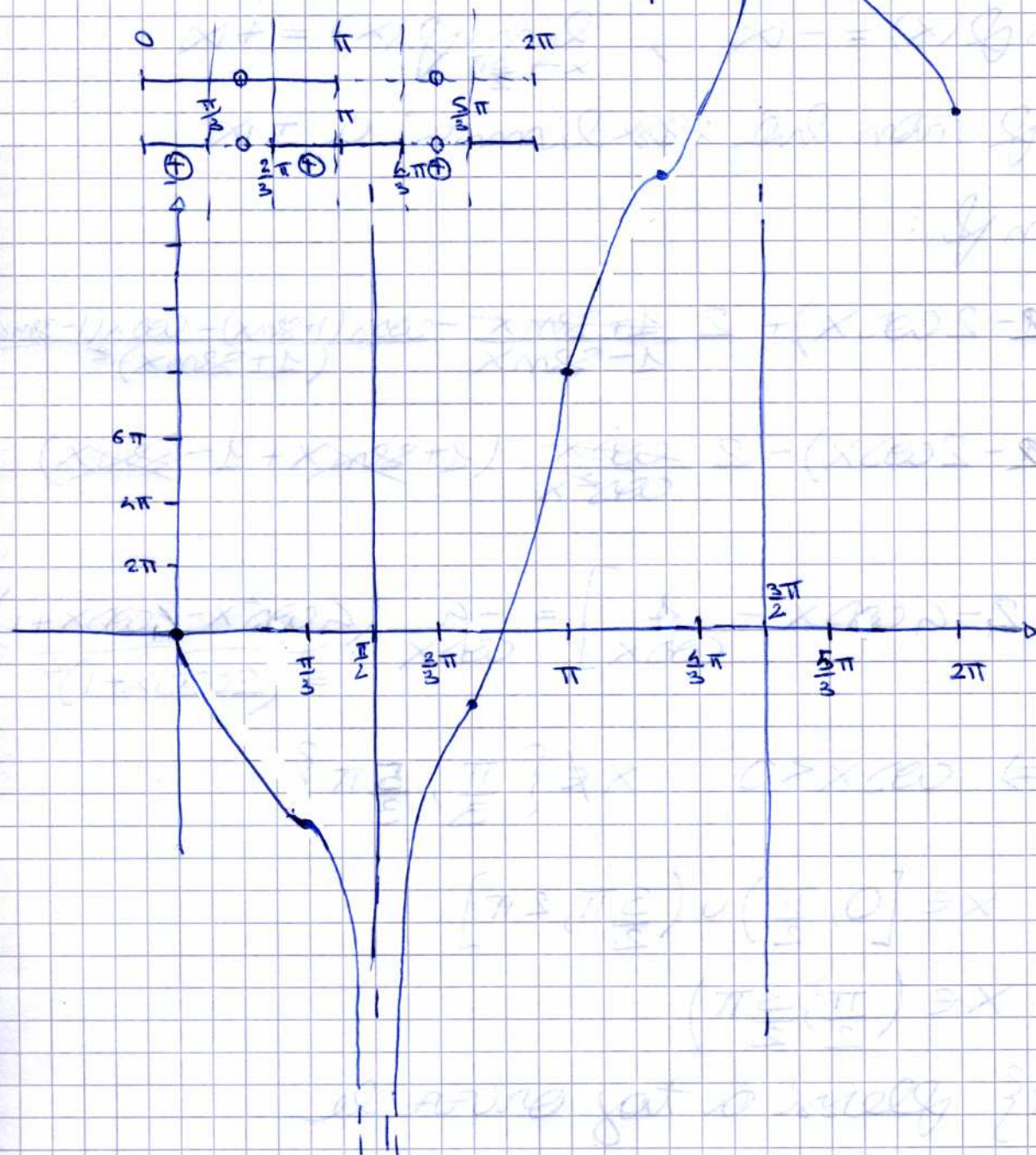


Se  $x \in \text{Dom } f$ :

$$f''(x) = 16 \sin x + 4 \frac{\sin x}{\cos^2 x} \cdot (-1) =$$

$$= 4 \sin x \left[ 4 - \frac{1}{\cos^2 x} \right]$$

$$f''(x) > 0 \Leftrightarrow \begin{cases} \sin x \geq 0 \\ \cos^2 x \geq \frac{1}{4} \end{cases} \Leftrightarrow |\cos x| \geq \frac{1}{2}$$



$x = \frac{2\pi}{3}, \frac{5\pi}{3}$  sono le tangenti oblique