

24/11/2018

622

N

$$\frac{1 - \tan x}{2 \cos x + 1} \geq 0$$

D

N

$$1 - \tan x > 0$$

$$\tan x < 1$$

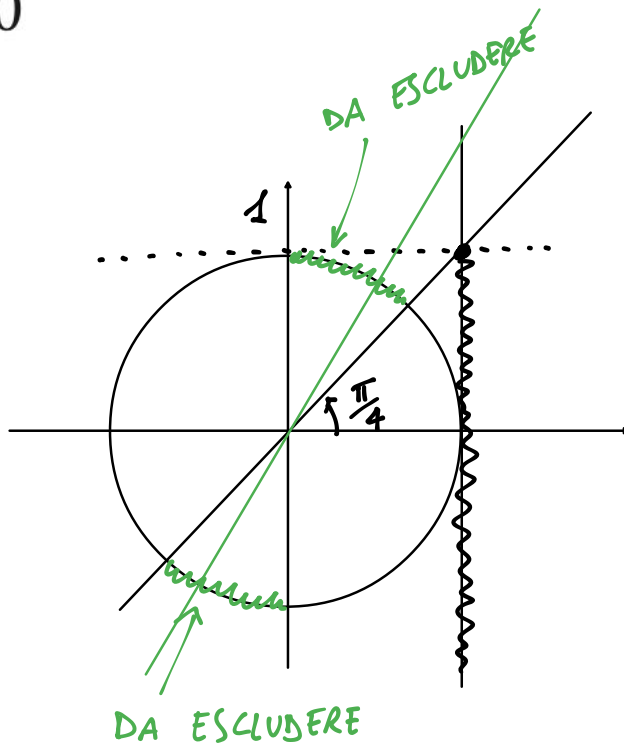
$$0 \leq x < \frac{\pi}{4}$$

v

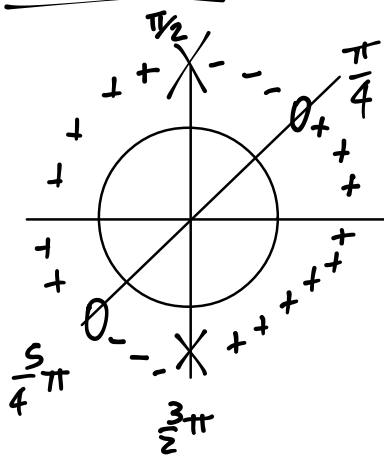
$$\frac{\pi}{2} < x < \frac{5}{4}\pi$$

v

$$\frac{3}{2}\pi < x \leq 2\pi$$



RIEPILOGO



D)

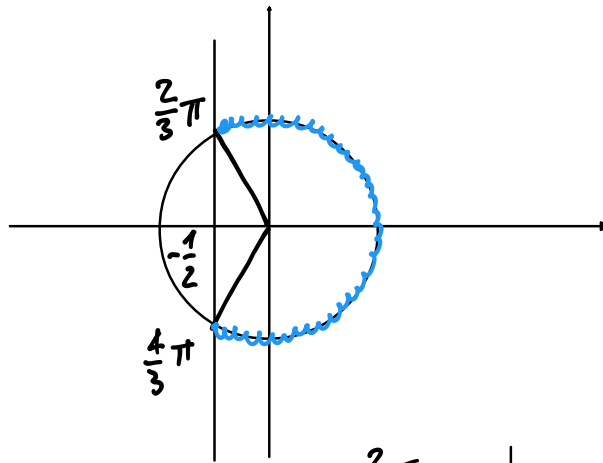
$$2\cos x + 1 > 0$$

$$\cos x > -\frac{1}{2}$$

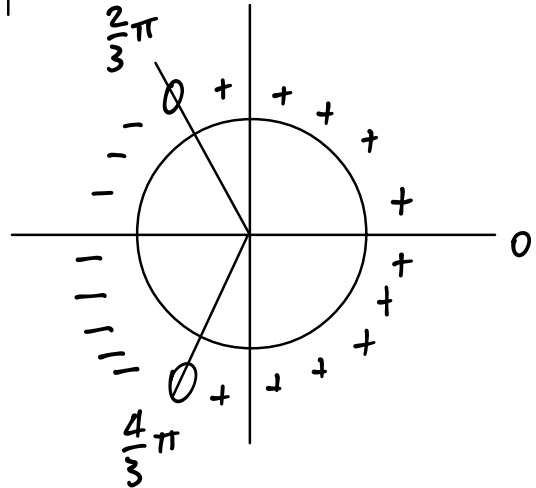
$$0 \leq x < \frac{2}{3}\pi$$

v

$$\frac{4}{3}\pi < x \leq 2\pi$$



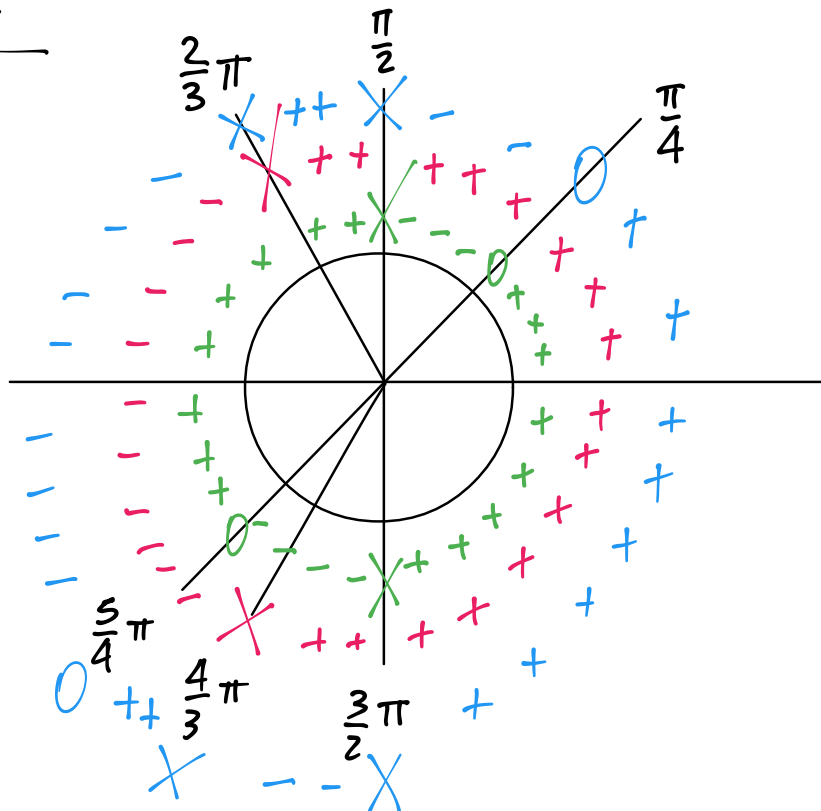
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SCHEMA FINALE

N = NUMERATORE (VERDE)

D = DENOMINATORE (ROSSO)



SENZA PERIODICITÀ

$$0 \leq x \leq \frac{\pi}{4} \quad \vee \quad \frac{\pi}{2} < x < \frac{2}{3}\pi \quad \vee \quad \frac{5}{4}\pi \leq x < \frac{4}{3}\pi$$

$$\vee \quad \frac{3}{2}\pi < x \leq 2\pi$$