

Esercizi Agrari: Trigonometria
Foglio 5
Esercizio 1

1. $\sin x + 3 = 2(\sin x + 2)$

2. $5 \sin^2 x + \sqrt{3} \sin x \cos x - 2 = 0$

3. $\sqrt{3} \sin x - \cos x + \sqrt{2} = 0$

4. $\sin x + \frac{1}{2} - \cos x = 0$

5. $2 \sin^2 x + \sin x - 1 < 0$

6. $\frac{\sin 2x}{\cos x} + \sqrt{2} \cos\left(\frac{\pi}{4} + x\right) < 1$

7. $|\sin x| < \left|\sin\left(x - \frac{\pi}{2}\right)\right|$

8.
$$\begin{cases} \tan x \leq 1 \\ \cos^2 x + 2 \sin^2 x \leq 1 \end{cases}$$