

1.  $\text{sen}^2 x - \text{sen} x = 0$
2.  $2 \text{sen}^2 x - 1 = 0$
3.  $\text{cos}^2 x + \text{cos} x = 0$
4.  $\text{tg}^2 x = 3$
5.  $\text{tg}^2 x - \sqrt{3} \text{tg} x = 0$
6.  $\text{ctg}^2 \left( x + \frac{\pi}{4} \right) + \sqrt{3} \text{ctg} \left( x + \frac{\pi}{4} \right) = 0$
7.  $\text{sen}^2 x - 3 \text{sen} x + 2 = 0$
8.  $\text{sen}^2 x + \text{sen} x - \text{cos}^2 x = 0$
9.  $2 \text{cos}^2 x - (2 + \sqrt{3}) \text{cos} x + \sqrt{3} = 0$
10.  $\text{ctg} \left( x - \frac{\pi}{8} \right) + \text{tg} \left( x - \frac{\pi}{8} \right) - 2 = 0$
11.  $\text{cos}^3 x - 2 \text{cos}^2 x + 1 = 0$
12.  $\text{tg}^3 x - \text{tg}^2 x - 3 \text{tg} x + 3 = 0$
13.  $4 \text{sen} 3x \text{cos} 3x = \sqrt{3}$
14.  $\text{sen} x - \text{cos} x + 1 = 0$
15.  $\sqrt{3} \text{cos} \left( \frac{3}{2} \pi + x \right) + \text{cos} (x - \pi) = 2$
16.  $\sqrt{3} \text{sen} x + \text{cos} x - 2 = 0$
17.  $\text{sen} \left( \frac{\pi}{4} + \frac{x}{2} \right) + \text{cos} \left( \frac{\pi}{4} + \frac{x}{2} \right) - 1 = 0$
18.  $(2 + \sqrt{3}) \text{cos} x - \text{sen} x + 2 + \sqrt{3} = 0$
19.  $\text{cos} \left( \frac{5}{6} \pi - x \right) + \text{sen} x - \sqrt{3} \text{cos} x = 0$
20.  $\text{sen} x - \text{cos} x = 0$
21.  $\text{sen} x - \sqrt{3} \text{cos} x = 0$
22.  $\text{sen}^2 x - 3 \text{cos}^2 x = 0$
23.  $2 \text{sen} x \text{cos} x + \text{sen}^2 x = 0$
24.  $5 \text{sen}^2 x - 2 \sqrt{3} \text{sen} x \text{cos} x - \text{cos}^2 x = 2$