399
$$x^2 - (2+2i)x + 2i - 1 = 0$$
 [i, 2+i]

$$\Delta = (2+2i)^2 - 4(2i-1) = 4-4+8i-8i+4=4$$

397
$$x^3 - 8i = 0$$
 $[i \pm \sqrt{3}, -2i]$

Colode le 3 rodici cultille di
$$8i = 8(6)\frac{7!}{2} + i sine \frac{7!}{2}$$

$$z_0 = \sqrt[3]{8} \left(\cos \frac{\pi}{6} + i \sin \frac{\pi}{6} \right) = 2 \left(\frac{\sqrt{3}}{2} + i \cdot \frac{1}{2} \right) = \sqrt{3} + i$$

$$\frac{2}{4} = \sqrt{8} \left(\cos \left(\frac{\pi}{6} + \frac{2}{3} \pi \right) + i \sin \left(\frac{\pi}{6} + \frac{2}{3} \pi \right) \right) =$$

$$= 2 \left(\cos \frac{5}{6} \pi + i \sin \frac{5}{6} \pi \right) = 2 \left(-\frac{\sqrt{3}}{2} + i \cdot \frac{1}{2} \right) = -\sqrt{3} + i$$

$$z_2 = \sqrt[3]{8} \left(\cos \left(\frac{\pi}{6} + \frac{4}{3} \pi \right) + i \sin \left(\frac{\pi}{6} + \frac{4}{3} \pi \right) \right) =$$

$$= 2 \left(\cos \frac{3}{2} \pi + i \sin \frac{3}{2} \pi \right) = 2 \left(0 + i \cdot (-1) \right) = -2i$$

$$X = \pm \sqrt{3} + \lambda \quad V \quad X = -2\lambda$$