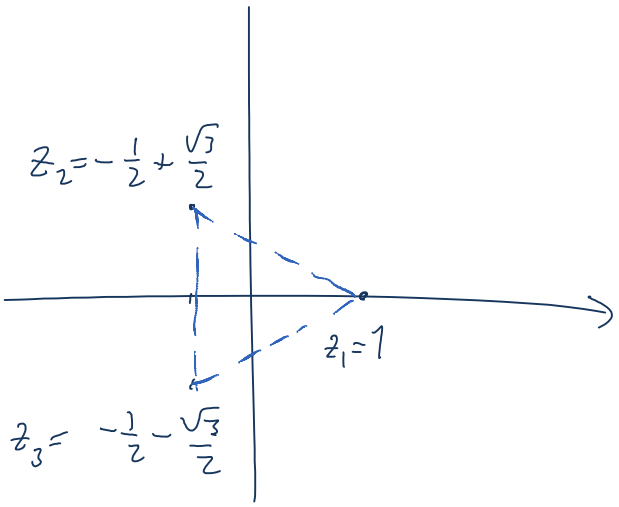
$(z-1)(z^2+z+1)=0 \Leftrightarrow z=1$ el $z=-\frac{1}{2}\pm\sqrt{\frac{1}{4}-1}$

$=-\frac{1}{2}\pm\frac{\sqrt{3}}{2}i$

I komplexa talplanet



Avstånd $z_1 \to z_2$: $|z_1-z_2| = \left|\frac{3}{2}-\frac{\sqrt{3}}{2}i\right| = \sqrt{\frac{9}{4}+\frac{3}{4}} = \sqrt{3}$

$z_1 \to z_3$: $|z_1-z_3| = \left|\frac{3}{2}+\frac{\sqrt{3}}{2}i\right| = \ldots = \sqrt{3}$

$z_1 \to z_2$: $|z_2-z_3| = \left|2\cdot\frac{\sqrt{3}}{2}i\right| = \sqrt{3}$

Alla avstånd lika $\Rightarrow$ liksidig.