$$z - 1 + i \int_3$$

$$2 = |z| = \int (-1)^{2} + (\sqrt{3})^{2}$$

$$= \int \overline{1+3}$$

$$\theta = 4an^4 \left(\frac{\sqrt{3}}{4}\right)$$

$$|z| = \sqrt{\frac{1}{2} + \frac{1}{2}} \qquad \qquad 1$$

- $_{2}$ $tan^{1}(1)$
 - , Tr
- Z = e iπ/u

$$7^{2}-4x+y^{2}-12y+z^{2}-8z=m$$
 $(x-2)^{2}-4+(y-6)^{2}-36+(z-4)^{2}-16=m$
 $(x-2)^{2}+(y-6)^{2}+(z-4)^{2}=m+56$

For this to be a sphere

m+ 56 > 0

$$\vec{u} = \vec{n_1} \times \vec{n_2} = \hat{i} \hat{j} \hat{k}$$

$$3 -1 1 \hat{i} \hat{j} \hat{k}$$

$$\hat{\mathcal{U}} = \langle 3, 2, 1 \rangle$$

$$\hat{\mathcal{V}} = \langle 2, -1, 5 \rangle$$