$$\vec{\mu}_1 = \gamma_1 \hat{\vec{S}}_1 \qquad \vec{u} \qquad \vec{r} \qquad \vec{\mu}_2 = \gamma_2 \hat{\vec{S}}_2$$

$$\vec{u} = \frac{\vec{r}}{\|\vec{r}\|} = n_x \vec{e}_x + n_y \vec{e}_y + n_z \vec{e}_z$$