(4) 
$$\Rightarrow = \sum_{m'=-m}^{m} (\alpha_m^m)^{*} \oint \widehat{P}_m(\cos \theta') Y_m^{m'}(\theta', \varphi') d\Omega'$$

$$= \sum_{m' \neq -m} (\alpha_m^{mm'})^* \sqrt{\frac{4\pi}{2m+1}} \left( Y_m^{\circ} (\vartheta, \varphi') Y_m^{mm'} (\vartheta, \varphi') d\alpha' \right)$$

$$= \sqrt{\frac{4\pi}{2m+1}} \sum_{m'=-m}^{m} (\alpha_m^{mm'})^* \delta_{m',0}$$

$$S_i : \hat{r}_z = \hat{\eta} \Rightarrow \theta = \theta_z ; \varphi = \varphi_z , \gamma \quad \chi = \theta' = 0$$

Entences (4) 
$$\Rightarrow Y_m^m(Q_2, \varphi_2) = \sum_{m'=-m}^m Q_m^{mm'}(Q_2, \varphi_2) Y_m^{m'}(Q_1, \varphi_2)$$

Además 
$$V_{m}^{m}(\theta, \psi') = (-1)^{m} \sqrt{\frac{2m+1}{4\pi}} \sqrt{\frac{(m-m')!}{(m+m')!}} P_{e}^{m'}(1) e^{7m'\psi'}$$

$$9 P_{m}^{m'}(1) = [0, m' \neq 0]$$

$$1 , m' = 0$$

$$= \frac{1}{2m(\cos y)} = \frac{4\pi}{2m+1} \sum_{m=-m}^{m} \frac{1}{2m} \sum_{m=-m}^{m} \frac{1}{(\theta_z, \psi_z)} \frac{1}{2m} \frac{1}{2m$$