KRD Ödev

$$\psi_1 = \frac{1}{\sqrt{2}} [|r\bar{r}> - |g\bar{g}>]$$

$$\psi_2 = \frac{1}{\sqrt{6}} [|r\bar{r}> + |g\bar{g}> - 2|b\bar{b}>]$$

(*) $\psi_3 = \alpha|r\bar{r}> + \beta|g\bar{g}> + \gamma|b\bar{b}>$

$<\psi_3|\psi_3> = 1 \qquad \alpha^2+\beta^2+\gamma^2 = 1$

$<\psi_1|\psi_3> = 0 \qquad <\psi_1|\psi_2> = 0$

$|\psi_3> = \frac{1}{\sqrt{3}} [|r\bar{r}> + |g\bar{g}> + |b\bar{b}>] \Longrightarrow$ "singlet"

$T_\pm$, $V_\pm$, $U_\pm$ operatörleri uygulayın. α, β ve γ'yı hesaplayınız.

CamScanner