

$$\hat{H} = T0 - Pk_+/\sqrt{2}\sqrt{2}Pk_z/\sqrt{3}Pk_-/\sqrt{6}0 - Pk_z/\sqrt{3} - Pk_-/\sqrt{3}0T0 - Pk_+/\sqrt{6}\sqrt{2}Pk_z/\sqrt{3}Pk_-/\sqrt{6}0 - Pk_z/\sqrt{3} - Pk_-/\sqrt{3}0$$

(1)