

| i | State | Parity | A_i | $g_i(\theta_{\pi\pi}, \theta_{K\pi}, \phi)$ | $M(m_{\pi\pi})M(m_{K\pi})$ |
|-----|-------|--------|------------------------------|--|---|
| 1 | VV | 1 | $A_{\rho K^*}^0$ | $\cos \theta_{\pi\pi} \cos \theta_{K\pi}$ | $M_\rho(m_{\pi\pi})M_{K^*}(m_{K\pi})$ |
| 2 | VV | 1 | $A_{\rho K^*}^{\parallel}$ | $\frac{1}{\sqrt{2}} \sin \theta_{\pi\pi} \sin \theta_{K\pi} \cos \phi$ | $M_\rho(m_{\pi\pi})M_{K^*}(m_{K\pi})$ |
| 3 | VV | -1 | $A_{\rho K^*}^\perp$ | $\frac{i}{\sqrt{2}} \sin \theta_{\pi\pi} \sin \theta_{K\pi} \sin \phi$ | $M_\rho(m_{\pi\pi})M_{K^*}(m_{K\pi})$ |
| 4 | VV | 1 | $A_{\omega K^*}^0$ | $\cos \theta_{\pi\pi} \cos \theta_{K\pi}$ | $M_\omega(m_{\pi\pi})M_{K^*}(m_{K\pi})$ |
| 5 | VV | 1 | $A_{\omega K^*}^{\parallel}$ | $\frac{1}{\sqrt{2}} \sin \theta_{\pi\pi} \sin \theta_{K\pi} \cos \phi$ | $M_\omega(m_{\pi\pi})M_{K^*}(m_{K\pi})$ |
| 6 | VV | -1 | $A_{\omega K^*}^\perp$ | $\frac{i}{\sqrt{2}} \sin \theta_{\pi\pi} \sin \theta_{K\pi} \sin \phi$ | $M_\omega(m_{\pi\pi})M_{K^*}(m_{K\pi})$ |
| 7 | VS | 1 | $A_{\rho(K\pi)}$ | $\frac{1}{\sqrt{3}} \cos \theta_{\pi\pi}$ | $M_\rho(m_{\pi\pi})M_{(K\pi)}(m_{K\pi})$ |
| 8 | VS | 1 | $A_{\omega(K\pi)}$ | $\frac{1}{\sqrt{3}} \cos \theta_{\pi\pi}$ | $M_\omega(m_{\pi\pi})M_{(K\pi)}(m_{K\pi})$ |
| 9 | SV | 1 | $A_{f_0(500)K^*}$ | $\frac{1}{\sqrt{3}} \cos \theta_{K\pi}$ | $M_{f_0(500)}(m_{\pi\pi})M_{K^*}(m_{K\pi})$ |
| 10 | SV | 1 | $A_{f_0(980)K^*}$ | $\frac{1}{\sqrt{3}} \cos \theta_{K\pi}$ | $M_{f_0(980)}(m_{\pi\pi})M_{K^*}(m_{K\pi})$ |
| 11 | SV | 1 | $A_{f_0(1370)K^*}$ | $\frac{1}{\sqrt{3}} \cos \theta_{K\pi}$ | $M_{f_0(1370)}(m_{\pi\pi})M_{K^*}(m_{K\pi})$ |
| 12 | SS | 1 | $A_{f_0(500)(K\pi)}$ | $\frac{1}{3}$ | $M_{f_0(500)}(m_{\pi\pi})M_{(K\pi)}(m_{K\pi})$ |
| 13 | SS | 1 | $A_{f_0(980)(K\pi)}$ | $\frac{1}{3}$ | $M_{f_0(980)}(m_{\pi\pi})M_{(K\pi)}(m_{K\pi})$ |
| 14 | SS | 1 | $A_{f_0(1370)(K\pi)}$ | $\frac{1}{3}$ | $M_{f_0(1370)}(m_{\pi\pi})M_{(K\pi)}(m_{K\pi})$ |