i	A_i	η_i	$g_i(m_1, m_2, \theta_1, \theta_2, \phi)$
1	A_0	1	$\cos\theta_1 \cos\theta_2 \mathcal{M}_1(m_1)\mathcal{M}_1(m_2)$
2	$A_\parallel$	1	$\frac{1}{\sqrt{2}} \sin\theta_1 \sin\theta_2 \cos\phi \mathcal{M}_1(m_1)\mathcal{M}_1(m_2)$
3	$A_\perp$	-1	$\frac{i}{\sqrt{2}} \sin\theta_1 \sin\theta_2 \sin\phi \mathcal{M}_1(m_1)\mathcal{M}_1(m_2)$
4	A_S^+	-1	$-\frac{1}{\sqrt{6}}(\cos\theta_1 \mathcal{M}_1(m_1)\mathcal{M}_0(m_2) - \cos\theta_2 \mathcal{M}_0(m_1)\mathcal{M}_1(m_2))$
5	A_S^-	1	$-\frac{1}{\sqrt{6}}(\cos\theta_1 \mathcal{M}_1(m_1)\mathcal{M}_0(m_2) + \cos\theta_2 \mathcal{M}_0(m_1)\mathcal{M}_1(m_2))$
6	A_{SS}	1	$-\frac{1}{3}\mathcal{M}_0(m_1)\mathcal{M}_0(m_2)$