

| i | $g_i(\theta_T, \psi_T, \varphi_T)$ | N_i | a_i | b_i | c_i | d_i |
|-----|---|------------------------------------|---|---|---|---|
| 1 | $2 \cos^2 \psi_T (1 - \sin^2 \theta_T \cos^2 \varphi_T)$ | $ A_0(0) ^2$ | 1 | D | C | $-S$ |
| 2 | $\sin^2 \psi_T (1 - \sin^2 \theta_T \sin^2 \varphi_T)$ | $ A_{\parallel}(0) ^2$ | 1 | D | C | $-S$ |
| 3 | $\sin^2 \psi_T \sin^2 \theta_T$ | $ A_{\perp}(0) ^2$ | 1 | $-D$ | C | S |
| 4 | $-\sin^2 \psi_T \sin 2\theta_T \sin \varphi_T$ | $ A_{\parallel}(0) A_{\perp}(0) $ | $C \sin(\delta_{\perp} - \delta_{\parallel})$ | $S \cos(\delta_{\perp} - \delta_{\parallel})$ | $\sin(\delta_{\perp} - \delta_{\parallel})$ | $D \cos(\delta_{\perp} - \delta_{\parallel})$ |
| 5 | $\frac{1}{\sqrt{2}} \sin 2\psi_T \sin^2 \theta_T \sin 2\varphi_T$ | $ A_0(0) A_{\parallel}(0) $ | $\cos(\delta_{\parallel} - \delta_0)$ | $D \cos(\delta_{\parallel} - \delta_0)$ | $C \cos(\delta_{\parallel} - \delta_0)$ | $-S \cos(\delta_{\parallel} - \delta_0)$ |
| 6 | $\frac{1}{\sqrt{2}} \sin 2\psi_T \sin 2\theta_T \cos \varphi_T$ | $ A_0(0) A_{\perp}(0) $ | $C \sin(\delta_{\perp} - \delta_0)$ | $S \cos(\delta_{\perp} - \delta_0)$ | $\sin(\delta_{\perp} - \delta_0)$ | $D \cos(\delta_{\perp} - \delta_0)$ |
| 7 | $\frac{2}{3} (1 - \sin^2 \theta_T \cos^2 \varphi_T)$ | $ A_S(0) ^2$ | 1 | $-D$ | C | S |
| 8 | $\frac{1}{3} \sqrt{6} \sin \psi_T \sin^2 \theta_T \sin 2\varphi_T$ | $ A_S(0) A_{\parallel}(0) $ | $C \cos(\delta_{\parallel} - \delta_S)$ | $S \sin(\delta_{\parallel} - \delta_S)$ | $\cos(\delta_{\parallel} - \delta_S)$ | $D \sin(\delta_{\parallel} - \delta_S)$ |
| 9 | $\frac{1}{3} \sqrt{6} \sin \psi_T \sin 2\theta_T \cos \varphi_T$ | $ A_S(0) A_{\perp}(0) $ | $\sin(\delta_{\perp} - \delta_S)$ | $-D \sin(\delta_{\perp} - \delta_S)$ | $C \sin(\delta_{\perp} - \delta_S)$ | $S \sin(\delta_{\perp} - \delta_S)$ |
| 10 | $\frac{4}{3} \sqrt{3} \cos \psi_T (1 - \sin^2 \theta_T \cos^2 \varphi_T)$ | $ A_S(0) A_0(0) $ | $C \cos(\delta_0 - \delta_S)$ | $S \sin(\delta_0 - \delta_S)$ | $\cos(\delta_0 - \delta_S)$ | $D \sin(\delta_0 - \delta_S)$ |