

$$\frac{\sin(\theta_1) \sin(\theta_2) \sin(\overline{\theta_2}) + \sin(\overline{\theta_1}) \cos(\theta_2) \cos(\overline{\theta_2})}{a_2 \sin(\theta_2) \sin(\overline{\theta_2}) \cos(\theta_2) + a_2 \cos^2(\theta_2) \cos(\theta_1 - \overline{\theta_1}) \cos(\overline{\theta_2}) + a_3 \sin(\theta_2) \sin(\overline{\theta_2}) \cos(\theta_2) + a_3 \cos^2(\theta_2) \cos(\theta_1 - \overline{\theta_1}) \cos(\overline{\theta_2}) + d_1 \sin(\theta_2) \sin(\overline{\theta_2}) + d_1 \cos(\theta_2) \cos(\theta_1 - \overline{\theta_1}) \cos(\overline{\theta_2})} \\ \frac{(\overline{a_2} + \overline{a_3}) \sin(\overline{\theta_2}) \cos(\theta_1)}{a_2 \sin(\theta_2) \sin(\overline{\theta_2}) \overline{a_2} + a_2 \sin(\theta_2) \sin(\overline{\theta_2}) \overline{a_3} + a_2 \cos(\theta_2) \cos(\theta_1 - \overline{\theta_1}) \cos(\overline{\theta_2}) \overline{a_2} + a_2 \cos(\theta_2) \cos(\theta_1 - \overline{\theta_1}) \cos(\overline{\theta_2}) \overline{a_3} + a_3 \sin(\theta_2) \sin(\overline{\theta_2}) \overline{a_2} + 2a_3 \sin(\theta_2) \sin(\overline{\theta_2}) \overline{a_3} + a_3 \cos(\theta_2) \cos(\theta_1 - \overline{\theta_1}) \cos(\overline{\theta_2}) \overline{a_2} + 2a_3 \cos(\theta_2) \cos(\theta_1 - \overline{\theta_1}) \cos(\overline{\theta_2}) \overline{a_3}} \\ \frac{\sin(\overline{\theta_2}) \cos(\theta_1) \overline{a_3}}{a_2 \sin(\theta_2) \sin(\overline{\theta_2}) \overline{a_2} + a_2 \sin(\theta_2) \sin(\overline{\theta_2}) \overline{a_3} + a_2 \cos(\theta_2) \cos(\theta_1 - \overline{\theta_1}) \cos(\overline{\theta_2}) \overline{a_2} + a_2 \cos(\theta_2) \cos(\theta_1 - \overline{\theta_1}) \cos(\overline{\theta_2}) \overline{a_3} + a_3 \sin(\theta_2) \sin(\overline{\theta_2}) \overline{a_2} + 2a_3 \sin(\theta_2) \sin(\overline{\theta_2}) \overline{a_3} + a_3 \cos(\theta_2) \cos(\theta_1 - \overline{\theta_1}) \cos(\overline{\theta_2}) \overline{a_2} + 2a_3 \cos(\theta_2) \cos(\theta_1 - \overline{\theta_1}) \cos(\overline{\theta_2}) \overline{a_3}}$$