$$\begin{bmatrix} -\sin^2(\alpha)\sin^2(\beta)\cos(\theta)+\sin^2(\alpha)\sin^2(\beta)+\cos(\theta) & \frac{\sin(2\alpha)}{4}-\frac{\sin(2\alpha-2\beta)}{8}-\frac{\sin(2\alpha+2\beta)}{8}-\frac{\sin(2\alpha-\theta)}{8}-\frac{\sin(2\alpha+\theta)}{8}-\frac{\sin(\beta-\theta)}{2}+\frac{\sin(\beta+\theta)}{2}-\frac{\sin(-2\alpha+2\beta+\theta)}{16}+\frac{\sin(2\alpha-2\beta+\theta)}{16}+\frac{\sin(2\alpha+2\beta-\theta)}{16}+\frac{\sin(2\alpha+2\beta+\theta)}{16} & (-\sin(\alpha)\cos(\beta)\cos(\theta)+\sin(\alpha)\cos(\beta)-\sin(\theta)\cos(\alpha))\sin(\beta) \\ \sin^2(\alpha)\sin^2(\beta)\cos(\theta)-\sin^2(\alpha)\sin^2(\beta)-\sin^2(\beta)\cos(\theta)+\sin^2(\beta)+\cos(\theta) & (\sin(\alpha)\sin(\theta)-\cos(\alpha)\cos(\beta)\cos(\theta)+\cos(\alpha)\cos(\beta))\sin(\beta) \\ (-\sin(\alpha)\cos(\beta)\cos(\theta)+\sin(\alpha)\cos(\beta)+\sin(\theta)\cos(\alpha))\sin(\beta) & \sin^2(\beta)\cos(\theta)-\sin^2(\beta)+1 \end{bmatrix}$$