



$$\mathbf{f}_I = \sin \Delta\theta \sin^4 \left(\frac{\pi}{2} - \Delta\theta \right), \mathbf{f}_{II} = \sin \Delta\theta \sin^2 \left(\frac{\pi}{2} - \Delta\theta \right) \cos^2 \left(\frac{\pi}{2} - \Delta\theta \right)$$