

$$f(\psi) = \log \left( \frac{1}{\sqrt{1 - [a + b \cos(2k\psi)]^2}} \right)$$

 $f_{\max}$ 
 $f_{\min}$ 
 $0$ 
 $\frac{\pi}{k}$ 
 $\frac{2\pi}{k}$ 
 $\frac{3\pi}{k}$ 
 $\psi$ 
