

$$[2S(n\lambda)]$$

$$100 \quad 210 \quad 270 \quad 330 \quad 360$$

$$[2S(n\lambda)] = 0 \quad -1 \quad -2 \quad -1 \quad 0$$

$$\pi$$

$$= \int_{\frac{7\pi}{6}}^{\frac{7\pi}{6}} (-1) + \int_{\frac{7\pi}{6}}^{\frac{3\pi}{2}} (-2) + \int_{\frac{3\pi}{2}}^{\frac{11\pi}{6}} (-2) + \int_{\frac{11\pi}{6}}^{\frac{7\pi}{6}} (-1)$$

$$= - \left\{ \frac{7\pi}{6} - \pi + \left(\frac{3\pi}{2} - \frac{7\pi}{6} + \frac{11\pi}{6} - \frac{3\pi}{2} \right)^2 + 2\pi - \frac{4\pi}{6} \right\}$$

$$= -0\pi$$

$$= - \left\{ \frac{7\pi}{6} - \frac{\pi}{6} + \frac{6\pi}{2} - \frac{14\pi}{6} + \frac{22\pi}{6} - \frac{6\pi}{2} + 2\pi - \frac{4\pi}{6} \right\}$$

$$= - \left\{ \pi + \frac{7\pi}{6} - \frac{14\pi}{6} + \frac{22\pi}{6} - \frac{11\pi}{6} \right\}$$

$$= - \left(\frac{6 - 7 + 11}{6} \right) \pi = - \frac{10}{6} \pi = - \frac{5}{3} \pi$$

optoc is correct C