

$$C(x) = A\cos(\omega x + \beta) + B$$

$$y = -\frac{1}{4}\cos(\frac{1}{2}x + \frac{\pi}{2}) - \frac{1}{4}$$

$$A = \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$$

$$P(x) = \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$$

$$P(x) = \frac{1}{4} + \frac{1}{$$