

2) Seletation Integral disease

A. Fire
$$f(x) = 1 + \sin x + \sin x + \sin x + \cdots$$
 $0 \le x \le \frac{\pi}{4}$; make $\int_{0}^{\frac{\pi}{4}} f(x) dx = 7$

$$\int_{0}^{\frac{\pi}{4}} 1 + \cos x + \sin x + \cdots dx = x - \cos x - \cos x - \cdots \int_{0}^{\frac{\pi}{4}} 1 + \cos x + \cdots dx = x - \cos x - \cos x - \cdots \int_{0}^{\frac{\pi}{4}} 1 + \cos x + \cdots dx = x - \cos x - \cos x - \cdots \int_{0}^{\frac{\pi}{4}} 1 + \cos x + \cos x + \cdots dx = x - \cos x - \cos x - \cdots \int_{0}^{\frac{\pi}{4}} 1 + \cos x + \cos x + \cdots dx = x - \cos x + \cdots dx = x - \cos x + \cos$$