



$$[-\pi, \pi]$$

$$ff$$

$$t = \pi$$

$$(\mathbf{??})_{\mathbf{t}} = 0$$

$$\sum \frac{1}{n^2}n \geq 2$$

$$\sum \frac{1}{n^2} < 2\alpha$$

$$n \geq 0^3$$

$$f:[a,b]\rightarrow \mathbb{R}[a,b]g:[a,b]\rightarrow \mathbb{R}[a,b]g\in L^1[a,b]\xi\in [a,b]$$

$$(??)x^2-2x[0,\pi]$$

$$n \rightarrow \infty$$