$$az = \frac{1}{\pi} \int_{-\pi}^{\pi} f(x) \cos 2x \, dx$$

$$\int_{A} (x) = \begin{cases}
-3, & x \in [-\frac{\pi}{2}, 0] \\
3, & x \in [0, \frac{\pi}{2}] \\
0, & x \in [0, \frac{\pi}{2}]
\end{cases}$$

$$\int_{A} (x) \int_{A} (x) \int$$

$$b_{\xi} = \frac{1}{\pi} \int \frac{f(x) \sin 2x}{f(x) \sin 2x} dx = 2 \cdot \frac{1}{\pi} \cdot \int \frac{1}{\pi} \int \frac{1}{\pi} \sin 2x dx = 2 \cdot \frac{1}{\pi} \int \frac{1}{\pi} \int \frac{1}{\pi} \cos 2x dx = 2 \cdot \frac{1}{\pi} \int \frac{1}{\pi} \int \frac{1}{\pi} \cos 2x dx = 2 \cdot \frac{1}{\pi} \int \frac{1}{\pi} \int \frac{1}{\pi} \cos 2x dx = 2 \cdot \frac{1}{\pi} \int \frac{1}{\pi} \int \frac{1}{\pi} \cos 2x dx = 2 \cdot \frac{1}{\pi} \int \frac{1}{\pi} \int \frac{1}{\pi} \cos 2x dx = 2 \cdot \frac{1}{\pi} \int \frac{1}{\pi} \int \frac{1}{\pi} \cos 2x dx = 2 \cdot \frac{1}{\pi} \int \frac{1}{\pi} \int \frac{1}{\pi} \cos 2x dx = 2 \cdot \frac{1}{\pi} \int \frac{1}{\pi} \int \frac{1}{\pi} \cos 2x dx = 2 \cdot \frac{1}{\pi} \int \frac{1}{\pi} \sin 2x dx = 2 \cdot \frac{1}{\pi} \int \frac{1}{\pi} \sin 2x dx = 2 \cdot \frac{1}{\pi} \int \frac{1$$

about
$$f(x)$$
 folgoons $\phi(x) = f(x)$

about vegs usuis van $\phi(x) = \lim_{x \to \infty} f(x) + \lim_{x \to \infty} f(x)$
 $f(x) = \lim_{x \to \infty} f(x) = \lim_{x \to \infty} f(x) = \lim_{x \to \infty} f(x)$