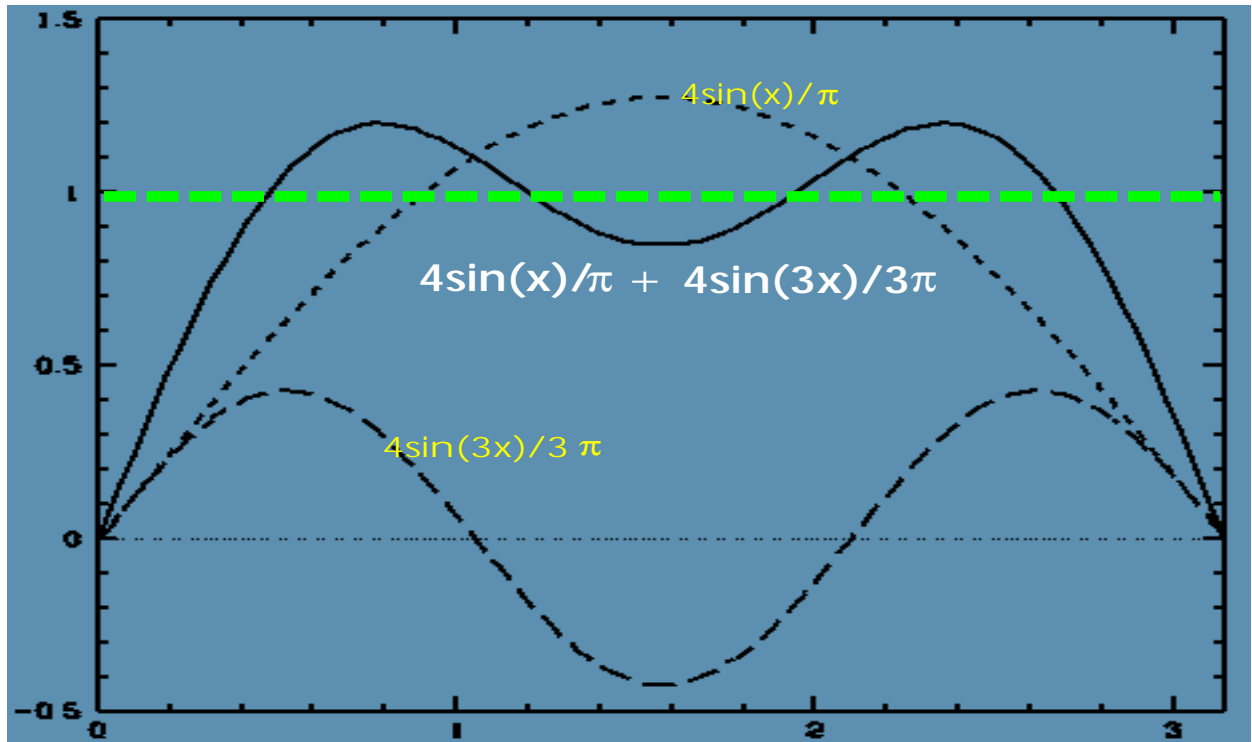


Convergence of Fourier Sine Series to $f(x)=1$ on interval $0 < x < \pi$

$$1 \cong \frac{4}{\pi} \sin(x) + \frac{4}{3\pi} \sin(3x) + \frac{4}{5\pi} \sin(5x) + \dots$$

sum of
1st two
terms
of
series



sum of
1st three
terms
of
series

