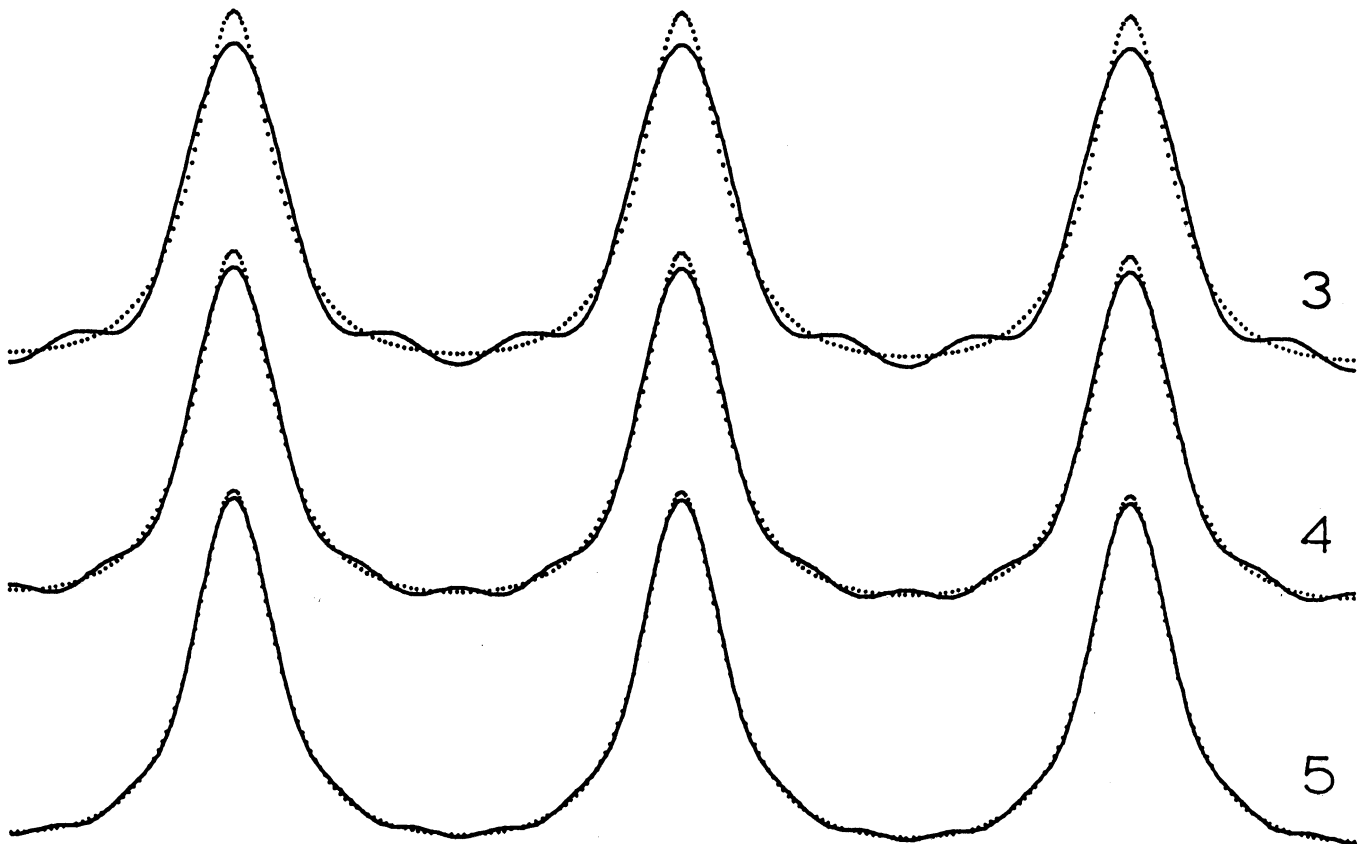
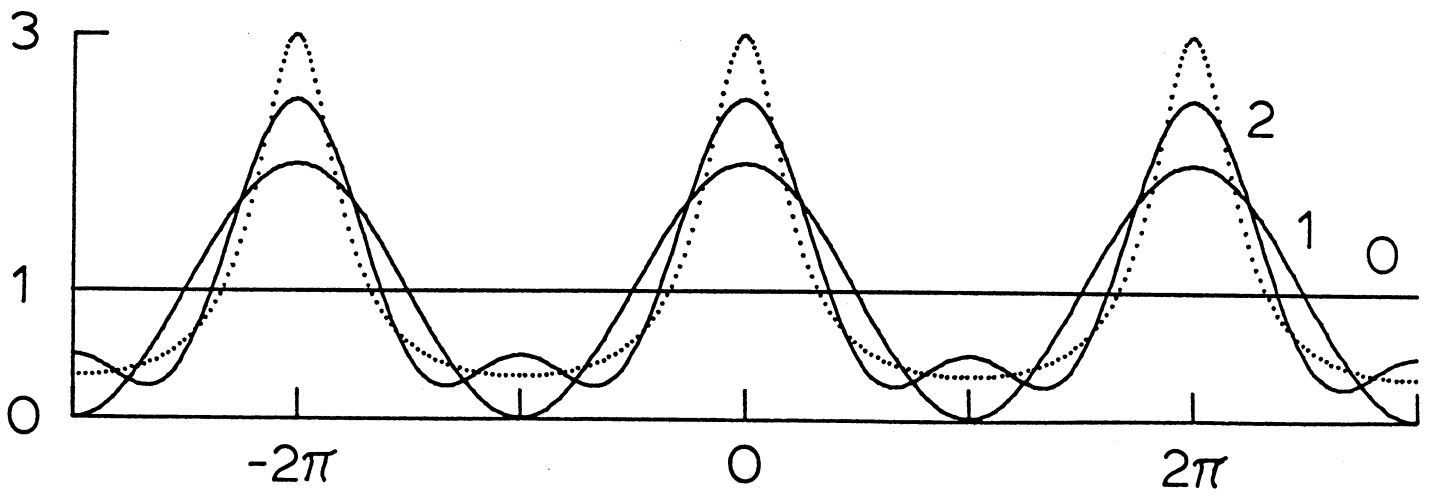


alleging that

$$\frac{3}{5 - 4 \cos \theta} \approx 1 + \cos \theta + \frac{1}{2} \cos 2\theta + \frac{1}{4} \cos 3\theta + \frac{1}{8} \cos 4\theta + \dots$$



And here is a computer-drawn morsel just too interesting to pass up: The truncated Fourier sine series

$$g_k(x) = 2 \left[\sin x - \frac{1}{2} \sin 2x + \dots - \frac{1}{k} (-1)^k \sin kx \right]$$

that is claimed to imitate better and better the function $f(x) = x$ in the interval $-\pi < x < \pi$ as the number of terms k increases.

