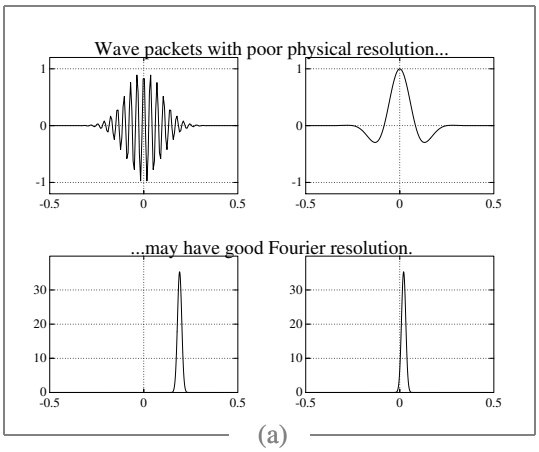
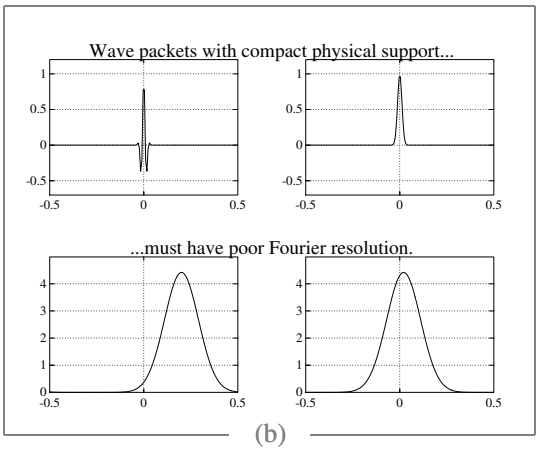

Wave packets with poor physical resolution...
...may have good Fourier resolution.

(a)


Wave packets with compact physical support...
...must have poor Fourier resolution.

(b)