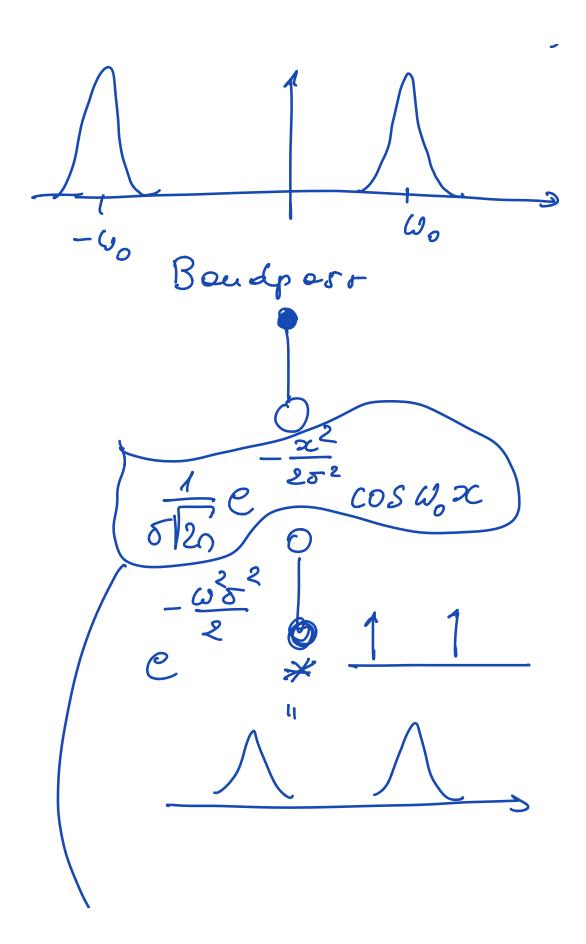
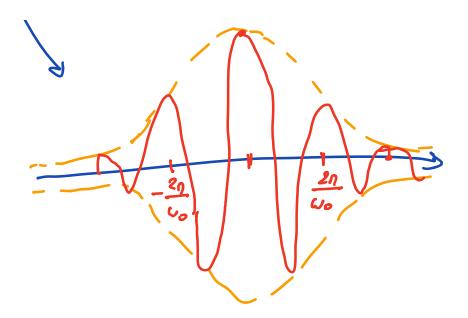
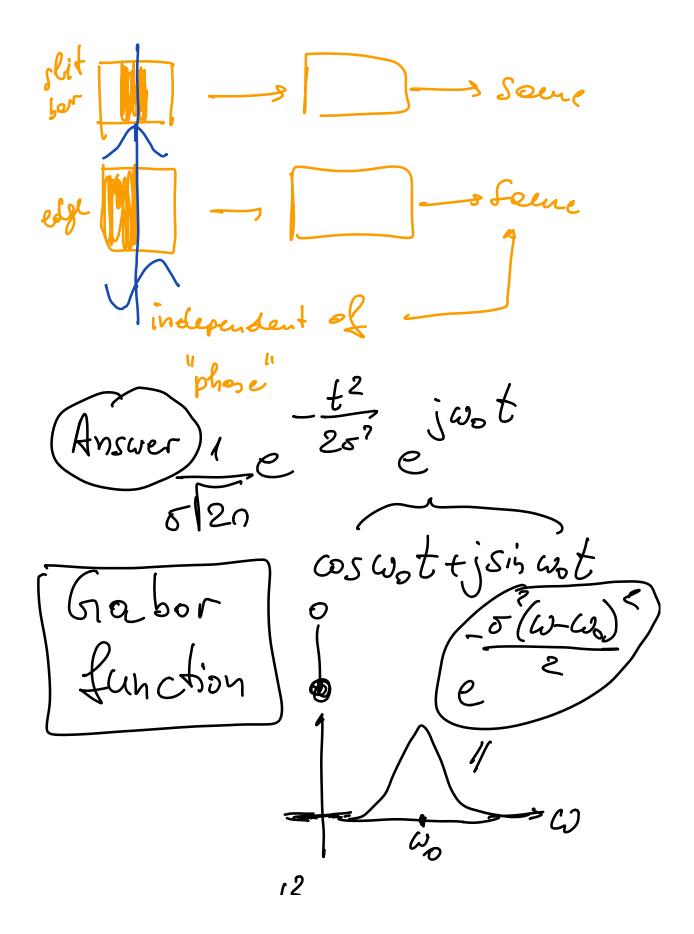


uncertainty principle = bod localisation best function to deal with this took off is the Goussian uncertain by uncertainty in localidate in frequences scleating





$$sin\omega_{0}t * \frac{1}{\sqrt{2s}}e^{2s^{2}}\cos(s) = \frac{1}{\sqrt{2s}}(-s(\omega_{1})) \cdot \int_{-\sqrt{2s}}^{2s}(-s(\omega_{1})) \cdot \int_{-\sqrt{2$$



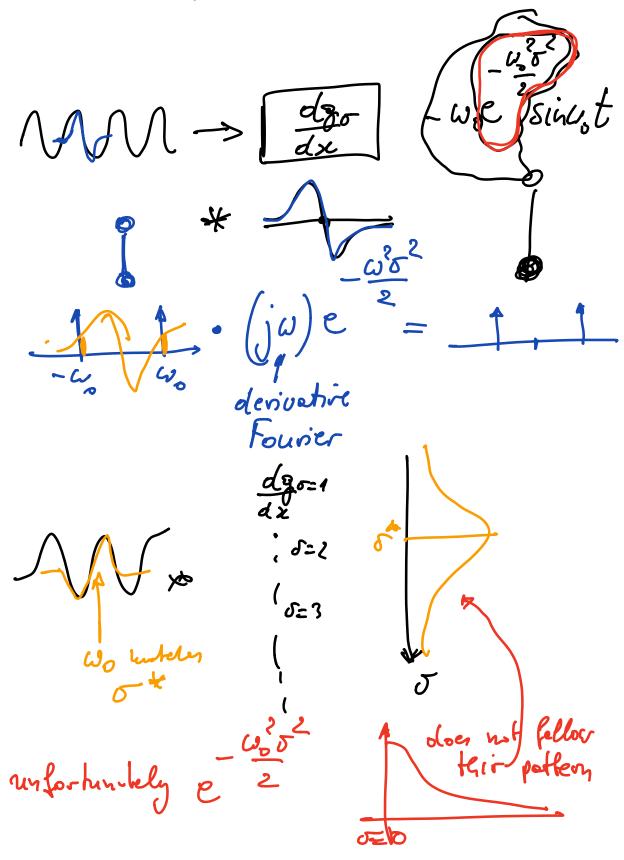
) * 1 e = Re + j Im

5/20 = Re + j Im × 2022 jwx 5,5,25 rotole (25) 25 (2000) 2 0 e ja, (2000) 445160)

$$f(x,y) \longrightarrow f(R(\theta)(x))$$

$$f(x) \longrightarrow f(x-T)$$

Scale invojonce * invarion



Solution for scale selection (cueening exhibitions of o) ir to normalize Gaussian devivative.

$$\frac{\partial}{\partial \sigma} \sigma e^{2} = e^{-\frac{\delta \omega^{2}}{2}} - \frac{\delta \omega^{2}}{2} = 0$$

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To detect blobs

we convolve with

the Laplacian of Genssia

A A Dogo + Dogo

Da Dy Dy Dy

and tole the meximum
is (x,y) and then is σ . On con show that 3 = 0 - 3 & Z Diff. of Gansiers 106 DoG