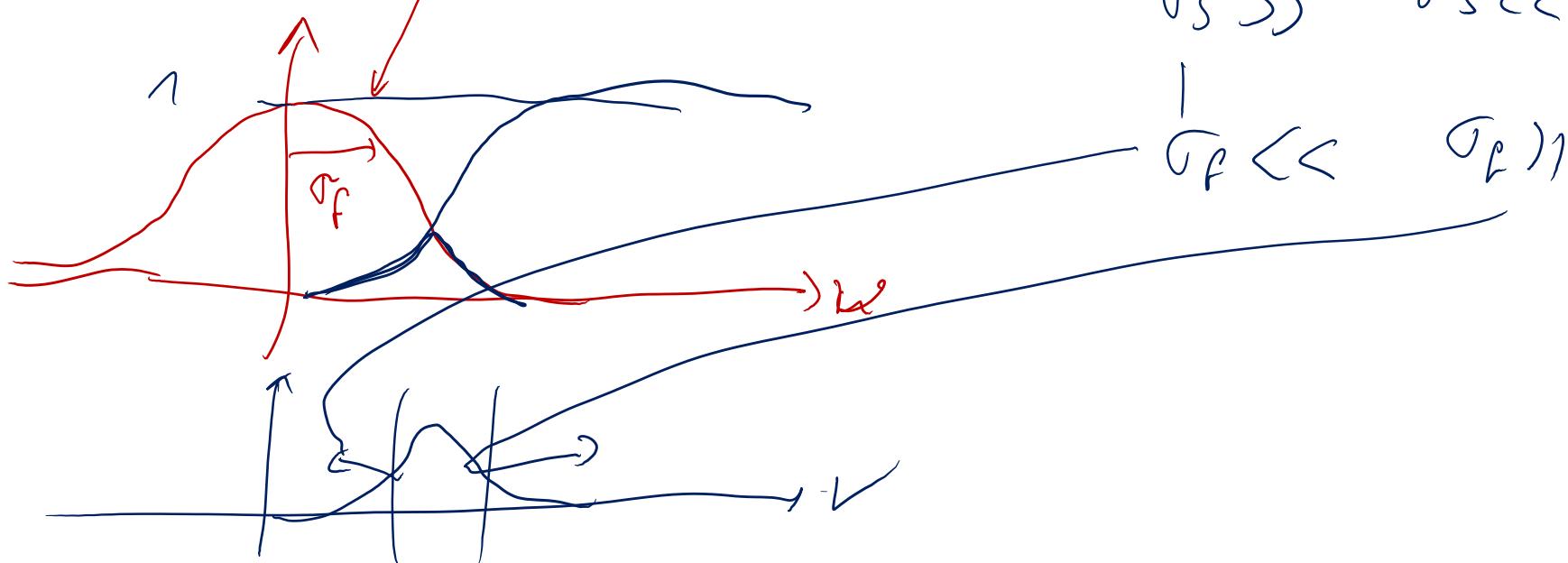
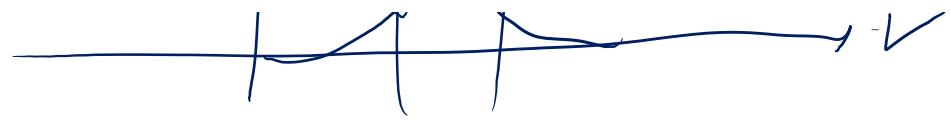


$$(i(x,y) * g(x,y)) * \ell(x,y)$$

$$(I(u,v) \cdot \underbrace{[G(u,v) \cdot L(u,v)]}_{\sigma_f})$$





$$(c(x, y) * g(x, y)) * \ell(x, y)$$

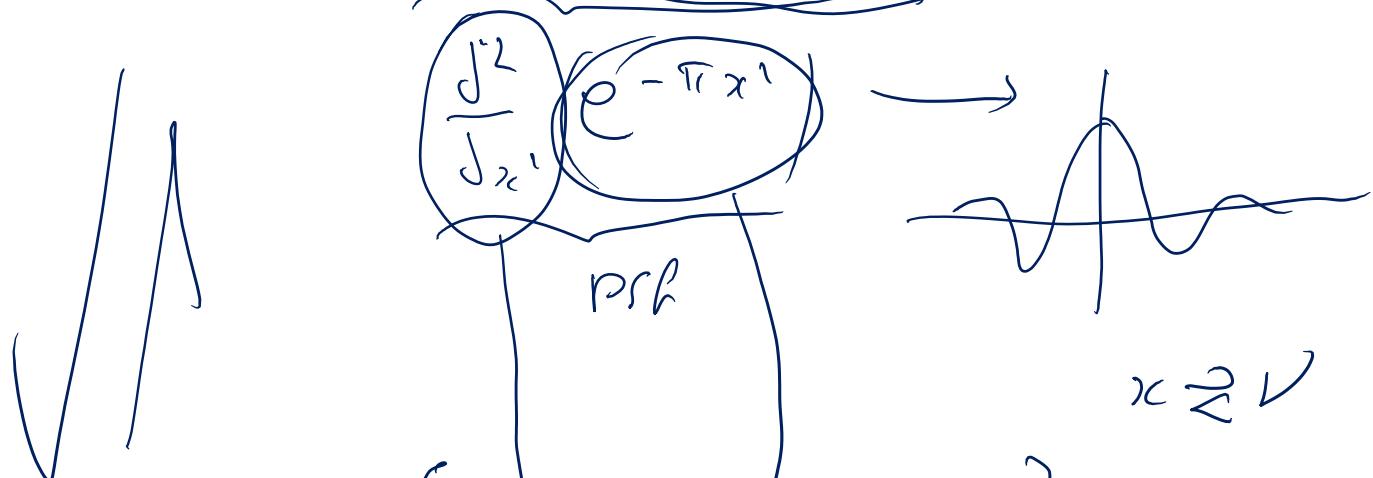
$$f(u) \geq f(v)$$

$$f'(u) \geq (2\pi j v) f(v)$$

$$f''(u) \geq (2\pi j v)^2 f(v)$$

$$e^{i(x, y)} * (g(x, y) * \ell(x, y))$$

$$x \gtrsim V$$



$$I(u, v) = \left[(2\pi j v)^2 \cdot e^{-\pi v^2} \right]$$

$$\propto V^2 e^{-\pi V^2}$$

