Stat 550 Virtual Whiteboard

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$$\int_{-\infty}^{\infty} f_h(x)\,dx = \sum_{k=1\ldots n} \int_{B_k} \nu_k \, dx$$

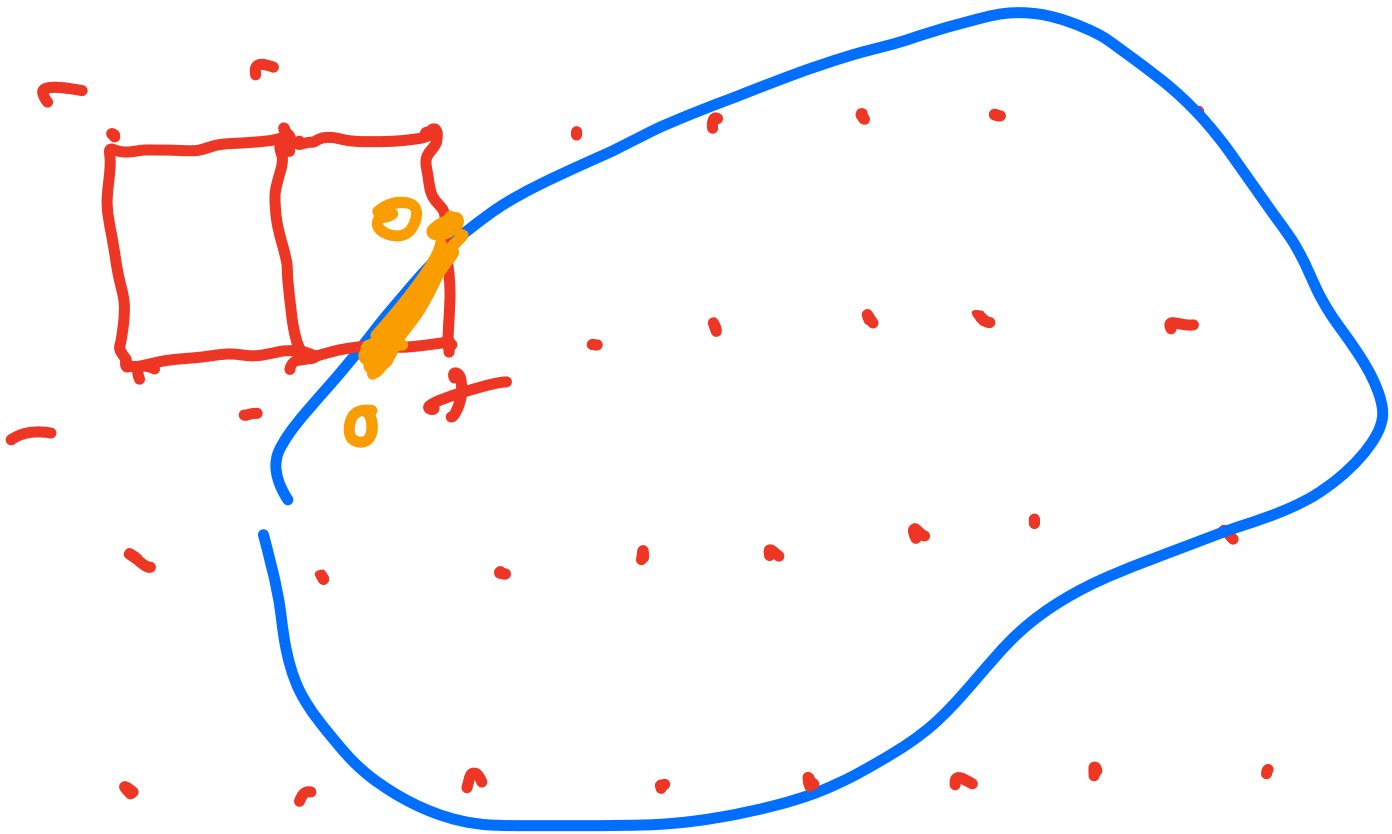
$$h\nu_k$$

$$h = h\left(\sum \nu_k\right) = h \cdot n$$

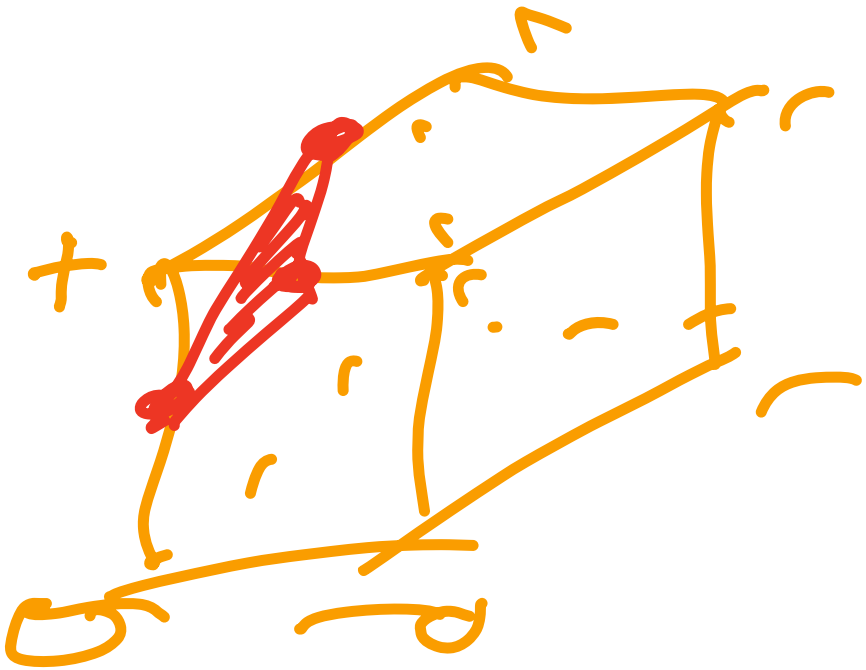
$$f(x,y,z) = e^{-\frac{1}{2}(x^2+y^2+z^2)} \cdot \frac{1}{(\sqrt{2\pi})^3}$$

$$\log f = \alpha$$

$$-\frac{1}{2}(x^2+y^2+z^2) = -k\alpha$$



marching cubes



$$\phi(x|\mu,\sigma^2) \Big/ \int_a^b \phi(x|\mu,\sigma^2)$$

$$\phi(x|\mu,\sigma^2 \mid a<x<b)$$