$$\left(\frac{\partial A}{\partial B}\right)_{C}$$

A(B,C)

A(u,v)

re (x,y) v(x,y)

$$\left(\frac{\partial x}{\partial x}\right)^{3}$$

Jacobean
$$D(A,B) = det || \partial A \partial A \partial A \partial B \partial B ||$$

$$D(X,Y) = det || \partial A \partial B \partial B ||$$

$$D(X,Y) = || \partial A \partial A \partial A \partial B \partial B ||$$

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$$\frac{d}{dx} = \frac{p^2}{2m} + U(x) = -\frac{t^2}{2m} \frac{d^2}{dx^2} + U(x)$$

$$-\frac{t^2}{2m} \frac{d^2t}{dx^2} + U(x)t = -\frac{1}{2} \frac{d^2t}{dx^2} + U(x)$$

$$\frac{d}{dx} = \int \frac{dp}{2\pi t} + \frac{dp}{dx} = \frac{ipx/t}{t}$$

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$$\frac{dx}{dx} = \int \frac{dp}{dx} + \frac{dp}{dx}$$

$$\frac{dx}{dx} = \int \frac{dx}{dx}$$

$$\frac{dx}{dx$$

$$\frac{p^{2}}{2m} + |E| + |P| +$$

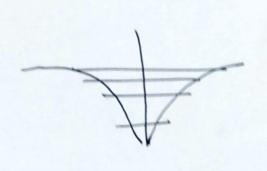
$$d=2$$

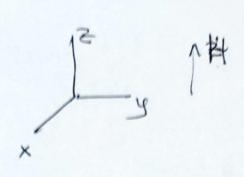
$$1 = + \frac{|U(0)|}{(2\pi h)^2} \int_{p^2 + |E| \ge m}^{2\pi p dp} = + \frac{2\pi m}{(2\pi h)^2} \int_{p^2 + |E| \ge m}^{2\pi p dp} = + \frac{2\pi m}{(2\pi h)^2} \int_{p^2 + |E| \ge m}^{2\pi p dp} = + \frac{2\pi m}{(2\pi h)^2} |U(0)| \int_{p^2 + |E| \ge m}^{2\pi p dp} = \frac{m}{2\pi h^2} |U(0)| \int_{p^2 + |E| \ge m}^{2\pi p dp} = \frac{m}{2\pi h^2} |U(0)| \int_{p^2 + |E| \ge m}^{2\pi p dp} = \frac{m}{2\pi h^2} |U(0)|$$

$$= \frac{m}{2\pi n^2} \int_{p^2 + |E| \ge m}^{2\pi n d^2} = \exp \left[-\frac{2\pi h^2}{m |U(0)|} \right]$$

$$= \frac{\pi n^2}{2\pi n^2} \int_{p^2 + |E| \ge m}^{2\pi n d^2} = \exp \left[-\frac{2\pi h^2}{m |U(0)|} \right]$$

$$= \frac{\pi n^2}{2\pi n^2} \int_{p^2 + |E| \ge m}^{2\pi n d^2} = \frac{\pi n^2}{m |U(0)|}$$



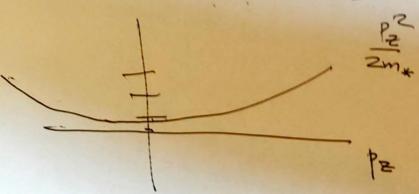


3 XH = Vet

- Ry = mey

Mx = 16 . Cals X = 12.

towars Ry



p2 - t2 d2 - e2 121

-25 day de 13e2