$$f(x,y) = \chi(y+1) - \chi^{2}$$

$$= \chi y + \chi - \chi^{2}$$

$$f(x,y) = y + 1 - 2\chi \quad \text{(with repeat)}$$

$$f(x) = 2\chi \quad f(x,y) = \chi + 0 - 0$$

$$f(x) = 2\chi \quad f(x) = \chi \quad \text{(with repeat)}$$

$$f(x) = \chi \quad f(x) = \chi \quad \text{(with repeat)}$$

$$f(x) = \chi \quad f(x) = \chi \quad \text{(with repeat)}$$

$$f(x) = \chi \quad f(x) = \chi \quad \text{(with repeat)}$$

$$f(x) = \chi \quad f(x) = \chi \quad \text{(with repeat)}$$

Cos(x) cosh(y) x

first free from think

$$f(x,y) = cos(x), sin(y). x$$

$$f(x,y) = (cos(x).x). (sin(y))$$

$$= (cos(x)x). (cos(y))$$

$$= (x.cos(x)) = cos(y)$$

$$\begin{cases}
(x_1, x_2, ..., x_n) = (\text{samesh.}) \\
(x_1, x_2, ..., x_n) = (\text{everything}) \\
(\text{everything}) \\$$

 $f(x,y) = Q^{x}y$ $f_{x}(x,y) = y Q^{x}y$ $f_{x}(x,y) = x Q^{x}y$ $f_{u}(y) = x Q^{x}y$ $f_{u}(y) = x Q^{x}y$

$$f(x,y) = y \cdot Q \cdot X$$

$$f_{x}(x)y) = y \cdot Q \cdot X$$

$$f_{x}(x)y) = (X) \cdot ((y) \cdot Q + y \cdot (Q \cdot Y))$$

$$= (X) \cdot (Q \cdot Q + y \cdot Q \cdot Y)$$

 $f(x,y) = (x^2,y^2,y^2,cos(x) + Sin(y^2), Q^{Sin(y)} cos(x)$ $f(x,y) = (y^2,y^2,cos(x) + C^{2},y^2,cos(x))$ $= (y^2,y^2,y^2,cos(x) + C^{2},cos(x))$ $= (y^2,y^2,y^2,cos(x) + C^{2},cos(x))$

 $\frac{1}{2}(x), y = 8in(y) \cdot e^{\cos(y) \cdot \sin(y)}$ $\frac{1}{2}(x), y = 0$ $\frac{1}{2}(x), y =$