



H: 
$$\mathbb{R}^{2}$$
  $\longrightarrow$   $\mathbb{R}^{3}$ 

Exercise. See  $H(x,y) = (xy, Sin(xry), x-y)$ 

(a) Calcula  $DH(\overline{x}, \overline{y})$ 

(b) Escriba la reja apor Irul apin par  $H$  area

de  $(\overline{x}, \overline{x})$ .

(a)  $xy$ 

Solary): Con(xry) Con(xry)

Solary:  $\overline{x}$ 
 $\overline{x}$ 
 $\overline{y}$ 

Solary:  $\overline{y}$ 
 $\overline{x}$ 
 $\overline{y}$ 
 $\overline{y}$