epunneque (republicanoer) Hena X = (X, Xe). Poraba X 1/X2, norano FXXI = FXXIXI FXX = FXXXI FXXXI WAN P [X, 4x, X2 (x2) = 1P (X, 4x, ) 1P (X2 (x2)) And X e benefit out MB, we rejudent unout that  $X = (x_1, x_2) \in \mathbb{R}^2$  e embubarent on  $A = \{x_1, x_2\} = \{x_1(x_2)\} \{x_2(x_2)\} + \{x_1(x_2)\} \in \mathbb{R}$ Depunyer Hera  $X_1, X_2 - X_1$  (a cabea, usana re  $X = (X_1, X_2 - X_1)$  una notarionat  $\int X_1, u \in A$ )  $\int X_1(X_1) = 0$   $X_1(X_1) = 0$   $X_2(X_1) = 0$ 8)  $\int \int x(x)dx = 1$  dx = dx, dx = -dxB) + 0 = R" IP(xED) = / Jx/x/dx Poraba X. - Xn ca rejabremen l' debuyunour, novaba u canco recola, novano # {i, i -- in } = {1, 1 -- n } 1 xi, - xin (xi, - xin) = 0 fxij (xij) luena na uponennibure  $g: \mathbb{R}^2 \longrightarrow \mathbb{R}^2$  y = g(x) u upe fx. Nova u nomen ga upenem fy?  $g(x) = \{x \in \mathbb{R}^2: fx(x) > 0\}$   $g(0x) = \{y \in \mathbb{R}^2: fx \in 0x: y = g(x)\}$  $\partial X = \{x \in \mathbb{R}^2 : f_{X}(x) > 0\}$   $g(\partial x) = \{y \in \mathbb{R}^2 : f_{X} \in \mathcal{D}_{X} : y = g(x)\}$ my of g(Dx) huo g e braumno egnoquaruo by 0xh(y) =  $g^{-1}(y)$  y  $\epsilon$  g(0x)(orpana  $\epsilon$ yuu)