quen x,2 y,2/10/pg2-11-1 Eliminate x22 hons y12 = X12 (n2-px2)-px2  $Y^{2} = X^{2} \left[ \left( \frac{n}{p_{x}} \right)^{2} - 1 \right] - 1$  $y'^{2} = \left( \left( \frac{n^{2}}{p_{x}} \right)^{2} - 1 \right) \left\{ \left[ \left( \frac{n}{p_{y}} \right)^{2} - 1 \right] y'^{2} - 1 \right\}$   $= \underbrace{\left( \left( \frac{n^{2}}{p_{x}} \right)^{2} - 1 \right) \left\{ \left[ \left( \frac{n}{p_{y}} \right)^{2} - 1 \right] y'^{2} - 1 \right\}}_{x} \underbrace{\left( \frac{n}{p_{y}} \right)^{2} - 1 \right] y'^{2} - 1}_{aut mi'}$ - 1 Y'2 = Vx (Yyy',2 -1) -1. y'2 = 8x8y y'2 - 8x - 1  $(\frac{n}{p_{y}})^{2}-1](\frac{n}{p_{y}})^{2}-1]=\frac{n^{2}}{p_{y}^{2}+n^{2}}-\frac{n^{2}}{p_{y}^{2}}-\frac{n^{2}}{n^{2}}$ 1/2 ( 1/2 - 1/2 - 1/2 ) PX - 1/2 ) PX Thus  $y' = \sqrt{x^2 - p_x^2 - p_y^2}$  similarly for  $x' = \sqrt{n^2 - p_x^2 - p_y^2}$