\$ 2.3 Ynakrosius 6 guggepercyuarias (yg) P (z,y) dx + Q(z,y) dy = 0 - ypakresure b gugggersemanax NB yn-ma P(x,y) y= Q(x,y)  $u x_{y} = P(x,y)$  chodanca k(yy) y = P(x,y) zanucams prouze kak omnou yuqqq 9-us y= l(x)-pen (yy) na (a, b), love 1) pe c'(a,6) 2) P (2, P(2)) da + Q (a, P(2)) P'(2) chx = 0 Androwrie onjegendemas pemenus buga x= P(4) On OSudans any yn-us (yg) - mo we-bo dom P ndom Q xdn+

noganablik 6 yn-ue  $\frac{x dx + \sqrt{1-x^2} \frac{-2x}{2\sqrt{1-x^2}} dx = 0}{0=0}$ 4= 4  $= \frac{\partial y}{\partial x} = \frac{\partial y}{\partial x} = \frac{\partial y}{\partial y} = \frac{\partial y}{\partial y} + \frac{\partial y}{\partial x} = 0$ (1) P(a) dx + O(y)dy - yn-ve c pasgenerusum nepemetrus OSujui unmerpar yp-ua (1) uneen bug Pada+ Jaly)dy = C  $\frac{ex}{xdx} + ydy = 0$ Jxdx + Jydy = C 2 4 L 2 + L = C 20+42=C 21+42=R2(R=20)