M(x,y) + N(x,y) + Q = 0. (1.14) Ju(x,y) = M(x,y) + N(x,y) + Q = Ju(x,y) = 0, early (x,y) - penegrie (1.14) $modu(x,y) = 0 \Rightarrow u(x,y) = 0$ (1.15) mode uban racino (1.14) dona pay, guapap. <math>(1.14) $\frac{\partial M(x,y)}{\partial y} = \frac{\partial N(x,y)}{\partial x} \frac{U(x,y)}{U(x,y)} \frac{\partial X}{\partial x} + \frac{U(x,y)}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial x} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial x} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial x} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial x} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial x} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial x} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial x} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial Y}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial Y}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial U}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial U}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial U}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial U}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial U}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial U}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial U}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial U}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial U}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y} \frac{\partial U}{\partial y} = \frac{\partial U}{\partial y} + \frac{\partial U}{\partial y}$ $\frac{\partial M}{\partial y} = \frac{\partial^2 U}{\partial x \partial y} = \frac{\partial^2 U}{\partial x} = \frac{\partial^2 U}{\partial x \partial y} = \frac{\partial^2 U}{\partial y} = \frac{\partial^2 U}{\partial x} = \frac{\partial^2$ $u(n, y) = \int M(n, y) dx + c(y)$, gaice grapp. u(n, y), $m. n. \frac{\partial u}{\partial y} = N(n, y)$, may $n = \frac{\partial u}{\partial y} \int M(n, y) dx + c'(y) + N(n, y)$ Thump 2. $RdR + ydy + (n^2 + y^2)x^2dx = 0 + \mu - \frac{1}{x^2 + y^2} \rightarrow \frac{ndx + ydy}{x^2 + y^2} + \frac{ndx}{x^2 + y^2} = 0$ Thursen 1. $(n+y+1) dn + (n-y^2+3) dy = 0$, $\frac{\partial(n+y+1)}{\partial y} = \frac{\partial(n-y^2+3)}{\partial x}$, $\frac{\partial u}{\partial x} = x+y+1$, $u = \frac{n^4}{2} + yn + n + c(y), \frac{3y}{3y} = n + c(y), c(y) = -y^2 + 3, c(y) = -\frac{y^3}{3} + 3y + c_3, u = \frac{n^2}{2} + ny + n - \frac{y^3}{3} + 3y + c_3$ odyni ymeynau uneem bry 3 x + 6 x 9 + 6 x - 2 y 3 + 18 y = C2 (1.17) Euch M(n, y) da+N(n,y) dy = 0 (1.14) m. nogodnami op-yugo u (n,y), noche yugu gra n-40 (1.44) yelp. 6 now. grapop. Il = nM(n,y) da + nN(n,y) dy. moder nogadin unmennynysonymi uje-16; 2 mM = 2 mV mm 2 m M+ m 2M = 3 m N+ m 2M = 3 m N $\frac{3\ln m}{3y} + \frac{3\ln m}{3x} + \frac{3\pi}{3x} + \frac{3\pi}{3y} + \frac{3\pi}{3y} + \frac{3\pi}{3x} +$

