



 N_3 (x+y+1)dx + (2x+2y+1)dy = 0P(x,y) = q(x,y)Py = 1 9x = 2 Шуен иптер инопичнень] m(z) my (x+y+1) + m = m' (2x+2y+1) + 2m m2 (Zy (x+y+1) - 2x (1x+ly+1)) = m Bauenum, 4mo xopocuo 861 cene Zy=2 morga confinence see x uy Morpe J Z=x+2y $m_2(2(x+y+1)-(2x+2y+1))=m$ m2 = m (=) m = e = e +29 existy (x+y+1) dx + ex+24 (2x+2y+1) dy = 0 + 10 4/1 U(x,y) = C CER + mo femence morgo u'x = exty(x+y+1) => u = (x+y). exty + C(y) u'y = ex-29(2x+2y+1) = ex+2y + ex+2y + c/y) = e 1/1+2(x+y)) + c'(y) => c'(y)=0 C = const Penenne (x+y).ex+2y = C, CER Sag Koum y(0)=0 => C=0 x+y=3 => 3.e =0

My M=0, 4 m = 400 p h= S= 16,3 4 Yho? Fronto BOSSYXA = K-V2=F8; F8(1) = 0,48 F8 = 048 - V2 a = m9 - 048 v2 4000 - 948 v2 2 10 - 12 52 V'= 10-12 52 IN V-R = -20t + C V-R -20+/R -C (=> V-R= e -C.V+e.c.R V2 R+ e-20t/R - C.R - S S= R(RIn 1e20 - C) - cot) + C2