2) D(xo, yo) 20=> (xo, yo) HE + T. na not. excTp. 3) D=O-REONDEDENENOCT (гз) Увукратен интеграл-опрывеления, свойство. 10x7-DED [0,6] T=1xilizo, D=Xocx, C--cxnzb. 3i El Xi-1, XiJ, Ji = 23/9=1, 01-x3 x. x2 -- xn=6 07 (f,3) = 27 f(31) 1 X1 1-1x - 1x = 1x A Jy = max A xi 1 f(x) 2 fim 07 (4,3) 284 KPATHO ONDERGENCHU UNTERPANY # exa T= 4 Gisi=1: 1) Gi C G, Gi - UZMEPLUMO 2) [Gi = G 3) Gin Giz Ø, + i, J, = 1+n, i + j Т-розб. на 9 + i=1=n=3i(xi,yi)+G(xi,yi)+Gi, 5=13igi, 5=13igi, 5=17igi, 5=211xi,yi)ma cynia na PunaH Defl T C R2: d(T)= max d(M, V)= $= \max_{(x,y),(x',y')} (x',y') = \partial u$ μετέρ μα $\exists z = \max_{(x,y),(x',y')} (x',y') = \int_{1 \le i \le n} (x_i,y_i) (x_i,y_i) (x_i,y_i) (x_i,y_i) = \int_{1 \le i \le n} (x_i,y_i) (x_i,y_i) (x_i,y_i) (x_i,y_i) (x_i,y_i) (x_i,y_i) = \int_{1 \le i \le n} (x_i,y_i) (x_i,y_i$ Sfixiy) dxdy = dim (to (f,3) Dyl hasband, le jerry) e unt. bry G, ako FIFE: 4 € >0, FIEL. 4 E >0, FJ=J(E) >0: 4 2= 66; 57, 82 20, + 3=53isi, 3i + Gi, (i=i=n) => | I-J-(+,3) | < & I - Obyup unt or f(x,y) by G: I = If f(x,y) axdy Stowner : J(x,y) = { 1 , x2+y2=1 g(x,y) neorp => KEE UNT.

Defl Kerco JCX, y) e omp 614 G-434. & N-60 Kasbane, le J(X, y) e congectoeno orp. biy G, circo F E C G, E-240pDanoba Majora Myna JCX, y) e orp. biy G) E.

Ogt f(x,y)-crp by vou. n-bo G. 8= 4 G; 42-past. na a cx,y) inf f(x,y) , Mizsup J(x,y)

Stz Ži Hr.m(Gi) - ronama cyma na Dapdy

TT(7/2 30 UNT CTP.)] J(r,y) e UNT. 6/4 USW. 4-60 G=>
+ e>0, 7 2 20(e): 4 T = 4 Gifi=1, 7 < <0=> St CE

8-60: (KCGO npu & moh.)

First Live gerig) e kemp. by kommen usu. u-60 G=> jex,y) e uno. by

Choûciba: B Gi-usnepuno:

1) If f(x,y) dxdy = 8(G)

2) f u g- unt. b(y 6=) j+g, \ j -unt. b(y 6, npu tala)
[(\lambda f(x,y)+mg(x,y))dxdy=\ [[g(x,y)dxdy+u [[g(x,y)dxdy])]

3) Arco f(x,y) 20 big 6=5 || g(x,y) drdy 20

4) 6=6,062, 26, 50, 6, 50, past. ka 6, usuepunu...

=> [] (x,y) c) x dy =]]](x,y) c) x dy L [] (x,y) c) x dy 5 5) 280 f & una 619' 6=> 1 f) & una! 2 by 6 4 [] j(x,y) ax dy (< [] | f(x,y) | dx dy

