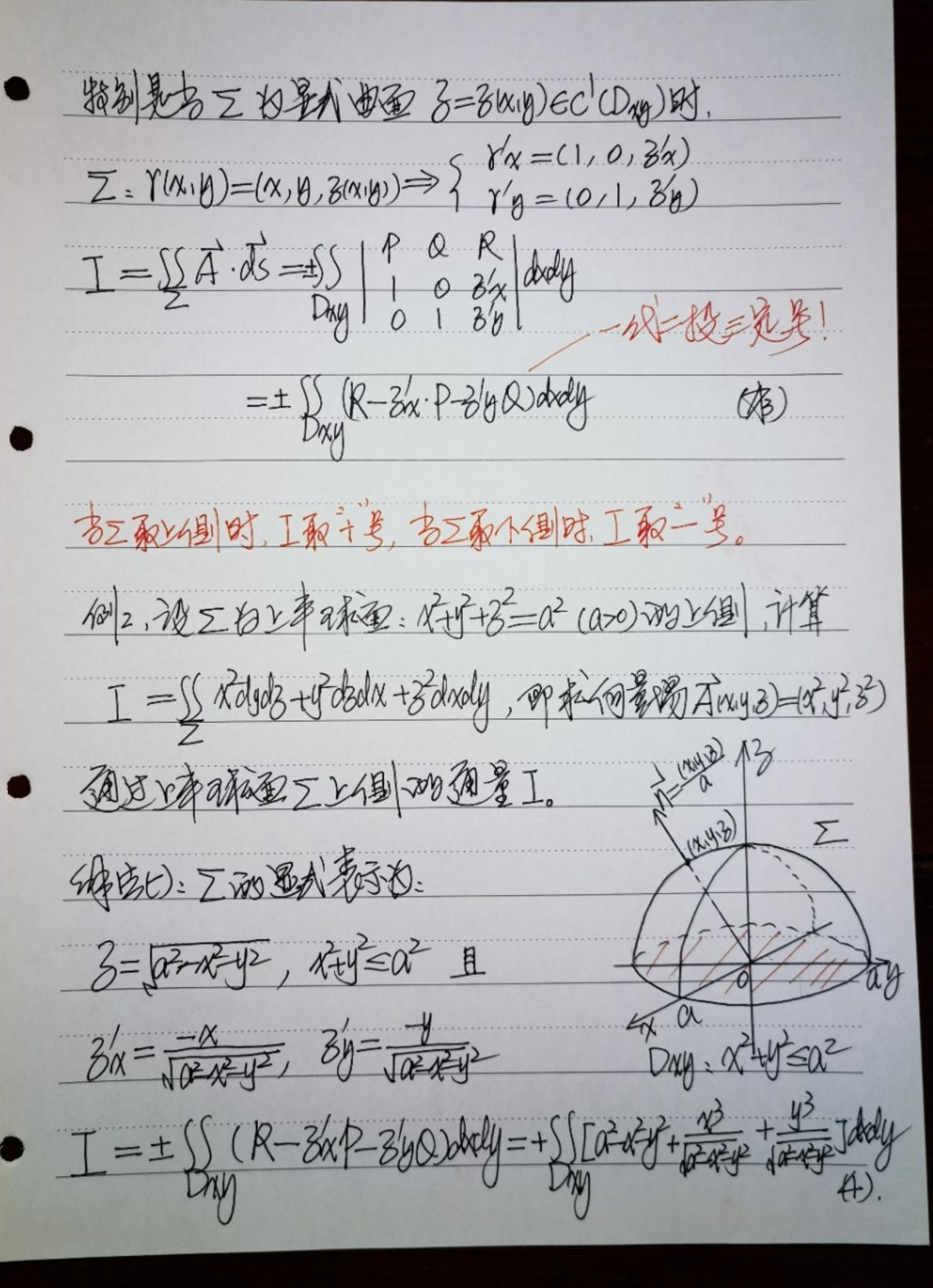


ds=(ava, avb, avb)ds=(asods, avbds, avbds)=(dyds, dedu, dody) 好2的简面到30 LAP SI AIXIYI3). OTS = SI polydot + Roboly (AI) 多开(x,y,3) EC(12)时, 以中央的动物和12436时之一。 多在(水)、3)在52中的强火的导生建筑级的1860年1860年 18-18, 98 AIRIY 3) & Z & Riemann & Par Joseph (AERE) 包含为数:(成在,在长区), C1,C2的基础) (1) 50 18 18 18 16. SS(GAI+GAZ). ds=GSSAI. ds+GSSAZ. ds Jablus: SS pages + Odsdx + Randy = SS (P, Q, R) · (dydz, obdx, dody) = $S((P,0,0)+(0,0,0)+(0,0,k))\cdot(dyds,dsdk,dxdy)$ (dydz, dzdx, dody) = SI palydz + SI adzdx + SI Adzdy E) SS A. ds = SS A. ds + SS A. ds

 $3) \cdot \iint_{A} \overrightarrow{A} \cdot \overrightarrow{ds} = -\iint_{A} \overrightarrow{A} \cdot \overrightarrow{ds}$ (A). 为工是企为X0岁年面中区域D且下一个=(0,0,1)时, 值 3=0, $\Rightarrow d3dx=0$, dydz=0, $R(x,y,3)=R(x,y,0) \triangleq f(x,y)$. SS pdyd3+Qd3dx+Rdxdy=+SSR(x,y,0)dxdy=SSf(x,y)dxdyPrediction = \$933 Saxyaddy \$7 - 7 was 13300 第一个多数是多数多数数数数数数数的数据的一样。 (E) JA(x19,3)· Mds = SS A(x1913)· ds 初种第弦. 被三的支撑顶面曲重:Y(U,V)=(X(U,V), y(U,V), 3(U,V))&(DuV) 剧 n=+ Tuxty ds=|ruxty|dudv=JEG-F2 dudv 427 ds=Tds=± ruxrvdudV A(x,1y,3). ots=±A(x,1y,3). ruxrv dudv= ± x/4 y/4 3/4 dudv



The state of the 400 = (a add oas 9, a as d sing, - a sing) - (No 14/2 2/2), 19 = [0, 2], ⇒ 5 r'o = (accocass, accossing, -asmo)=(x'o, y'o, 3'o) rg = + asimosing, asimbaxy, 0) = (xg, yg, 3g) $\Rightarrow |P Q R| = |asmossy| |a$ = a 200305in0 + a 5in 0 (5in 39 + co39) I=+ \(\) \(\text{No y'o 3'o dodg} = \frac{7}{36} (a \text{2000 sino + a \text{2000 s $=\int_{0}^{\frac{\pi}{2}} (a^{4} \cos^{3}\theta \sin^{3}\theta) 2\pi d\theta = 2\pi a^{4} \int_{0}^{\frac{\pi}{2}} \cos^{3}\theta \cos^{3}\theta = 2\pi a^{4};$ CP: So sun mode = 5 as and do = 0, then) 60000): "A(x,y,3)=(x,y,3), n=(x,y,3) :. I= SSA(x,19,3). nds= = = SS(x3+y3+33)ds

 $=27.0^{5} \int_{0}^{2} ao^{3}odao0 = \frac{27}{4} a^{5}, iI = \frac{2}{2}a^{4},$ aboption: "I = SS x2dydz + SS y7dbdx + SS 32dxdy In I = S S x dydz = SS x dydz + SS x dydz Z1+Z2 Z1 5 $= + \int \int [a^{2}-y^{2}-3^{2}] dydy + H \int \int (-10^{2}-y^{2}-3^{2}) dydy = 0$ $y^{2}+3^{2} = 0^{2},370$ $y^{2}+3^{2} = 0^{2},370$ $y^{2}+3^{2} = 0^{2},370$ [2] ave, SS y dzdx=0, Ap SS 3 dxdy = + SS (02-42-42) dxdy X=1000 5275 a (Z-r2) rdr)d0== 2a4 的方面: 外面 Zo: 3=0, 对于成, 下一点, 再用Gasssan I=SSA. nds=SSA. nds-SSA. nds=SSS(V.A)dV-0 $= SSS(2x+2y+23)dV = 0+0+2SSS3dV = \frac{2}{2}a^4$ E)162= PX11,4/ Yo, e), (1), (5), (6), (7), 2.

和307年(编): 脚型三两连回及脚型跨到的影影时 花的370(50)行效3,到表示互取后倒(后侧); 先000×70(≤0) 假设是别数三颗侧组(细胞). $ALT = (adx, adb, adr) = \frac{raxrv}{ruxrv} = \frac{r}{x'u} \frac{3u}{y'v} \frac{3v}{ruxrv}$ -(2(4,3)i+2(3/x)j+2(x,y)p)/(4x/1) /2, αργηο(≤0) βροχέ => 3(α, η) 70(≤0) Æ Duv & βροχέ. 图的, 到知了0(50)色DWY图的表示, 互根外围(长期) 回程, 3(4/3) 70(50) (EDUV (100) (100) (100) (100) (=) 7=78 that 9213. S) p(x1y13) dydz + SS Q(x1y13) dsdx+SS Rxy3ddy 题部的地位:分表等强,即 (19) 多户(以少3) 次子(表) 最后最高是三年生物重任0外野野

以图: SS PIXIY,300gdg=0, 当p(XiYi3)表从初与强烈 5381-048 20898 pt. SSAX1413) dydz=255 p(x)413) dydz, 基中, 三、是X70%的五。 约多Q(X(y)3)我少是(分)(多)到数县三次少少一个生活面 39岁以以以33岁多克尔岛(马)多克里三次多3=0岁春里 1898 08, SS RIXIY, 8) olxdy = 0, (255 Rixiy 3) dry, 23 th 五年初0分分分分) 是对他(1°)即前.因王游从一000年前面积局, 王的制制, ∑-∑, 彻础, 酸Σ, το B 3 2 25 1 × (Y, 8) €C(Dy3) 到在Z-Z1上考验的《=-NY/3)€C(Dy3)·新且 SS pexigizaded = SS pexigizaded + SS pexigizaded =

