431 BAPIL 26.09.74 11:55 - 13:00 illum I J dx J 4(x, 4) dy y z - Tyx-xe-minion rues y2 = 4x -x2 x2-4x +y2=0 x 2 - 4x + g + y 2 = 4 $(x - 2)^2 + y^2 = 4$ 4 = 11.4 2T (X-5) 5 + A3 = A I= f dy f + (x,4) dx (X-1)224-42 x-2= ± J4-42 - 14-y2 +2 and by the said x = £ 54 - 42 +2 X=- 14-42 +2 5 = X2 Z=1-y2 Co verme mag orphrow X1 21-42 x" + y? = 1 y 121-x2 y 2 + Ja-x2

$$V = \iint_{2xy} (2z - 2z) dx dy z \iint_{2xy} (1 - y^2 - x^2) dx dy z$$

$$= \iint_{2xy} (1 - y^2) p dp dy = \iint_{2y} dy \iint_{2y} (p - p^2) dp z$$

$$= \iint_{2y} (\frac{p^2}{2} - \frac{p^4}{2}) \iint_{2y} dq = \iint_{2y} (\frac{1}{2} - \frac{1}{4} - 10 + 0) dq z$$

$$= \iint_{2y} dq = \int_{2y} (\frac{1}{2} - \frac{1}{4} - 10 + 0) dq z$$

Mo (1) anoy.
$$y = 3$$
 amena. $y = 3$ amena. $y = 2$ $y = 3$ y

120,2-9 x+4/2=4, 2x+2=4 X=0 2. " X=1 = ? 2=0 2X =9 y 22 1 2-2 =2 2.4 = 8 X + 4 + 7 = 4 V=]] (x2(4,2) -x1(4,2)) dy dz = x = 4-4-3 2×+8=4 - 11 (4-4-2 - 4-2) dy dz = x 2 4-2 = Jdy J(4-y-2-2+2)dZ= + + 4 /4 4-4-5= 4-7 = \int dy \int (2-y-\frac{2}{2}) dz= 9-y-2-2+==0 2-4-===0 = \frac{1}{2} \int \dy \frac{1}{2} \left(4-2y-2) \dz = 4-24-2=0 = \frac{1}{2}\int \left((4-24) \frac{2}{2} - \frac{2^2}{2} \right) \right\rig Z = 4-24

(1) npoy

(2)
$$\frac{1}{1}$$
 $\frac{1}{3}$ $((1-13)(1-13) - \frac{(1-13)^{3}}{2})$ $dy = \frac{1}{1}$ $\frac{1}{3}$ $\frac{1}{3}$