习起5.4

1. 
$$2x^2 + 3y^2 + 4z^2 - 4x - 6y + 16z + 16 = 0$$
 By  $\frac{(x-1)^2}{\frac{1}{2}} + \frac{(y-1)^2}{\frac{1}{6}} + \frac{(z+2)^2}{\frac{1}{4}} = 5$ 

·中心转移(1,1,2), x,y, z轴的半轴收的 亞, 您, 是

2. 4) 椭圆抛物面

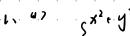


$$3(u)$$
  $(x = R \frac{5}{2} a 30 + 1)$   $a)$   $x = \frac{5}{2} sin 0$   
 $y = \frac{5}{2} a 30 - 1)$   $y = \frac{5}{2} a 30$   
 $z = R B + sin 0$ 

习题 5.5

Po ( Raso, Rsino, Rasot Ksid)

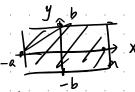
证子



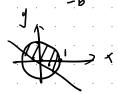


(B) x224 c1

4 x e [-a, a]



的探视成



2、 O) 开集,区域,有农区域,不是有贫润区域 O) 不是开集,为区域,有贫区域,不是有贫润区域

It's all one ghetto, man, giant gutter in outer space.





