中山大學考试草稿纸。24/7-123



警示 < 《中山大学授予学士学位工作细则》第六条:"考试作弊不授予学士学位。"

(P.244.1) 求稿球面 $2z^2+3y^2+4z^2-4x-6y+16z+16=0$ 的中心生称及三十字如的长度。

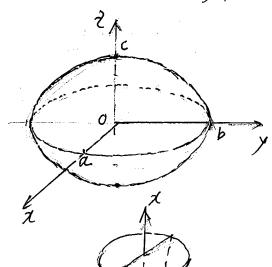
 $2(x^{2}-2x+1) + 3(y^{2}-2y+1) + 4(x^{2}+4x+4) - 5 = 0$ $2(x-1)^{2} + 3(y-1)^{2} + 4(x^{2}+2)^{2} = 5$ $(x-1)^{2} + \frac{(y-1)^{2}}{2} + \frac{(x-1)^{2}}{2} + \frac{(y-1)^{2}}{2} + \frac{(x-1)^{2}}{2} + \frac{($

$$\frac{(\chi-1)^{2}}{\frac{5}{2}} + \frac{(\gamma-1)^{2}}{\frac{5}{3}} + \frac{(\gamma+2)^{2}}{\frac{5}{4}} = 1$$

p = (1, 1, -2) p = (1, 1, -2)p = (1, 1, -2)

(P.244.3) 说出了小奶面的花籽,并画出感到。

(1) $8 \chi^2 + 11 y^2 + 24 z^2 = 1$ $\frac{\chi^2}{\left(\frac{1}{18}\right)^2} + \frac{y^2}{\left(\frac{1}{124}\right)^2} + \frac{z^2}{\left(\frac{1}{124}\right)^2} = 1, \text{ This.}$ $a = \frac{1}{18}, b = \frac{1}{111}, c = \frac{1}{124}.$



(2) $4x^2 - 9y^2 - 14t^2 = -25$. $-\frac{\chi^2}{(\frac{f}{2})^2} + \frac{y^2}{(\frac{f}{3})^2} + \frac{z^2}{(\frac{f}{14})^2} = 1$. France:

