$1. (2) \quad 3 = \frac{1}{5100} + \frac{1}{659}$ 

定义城市(达少) | xxk机, yx产tkn, k68] 该函数为 >元初等函数故在(达少) | xxk机, yx产tkn, k68]上连续

3.  $74\dot{G}$   $\frac{1}{12}$   $\frac{1}{12}$ 

= 1 { [f(x), 4)+ f(x), 4)]+[[cx, 4)+f(x, 4)+f(x, 4)]+ [(x, 4)+f(x, 4)+

前点  $f(x),y_i$  e  $(f(x_i,y_i),f(x_i,y_i))$ あ行道定理れる  $\epsilon$ , 8 s.  $\epsilon$ ,  $\epsilon$   $\epsilon$ , 8) = 元子  $\{x_i,y_i\}$   $\epsilon$   $\{f(x_i,y_i),f(x_i,y_i)\}$ 

y、vit: b是知当日8、E 使若しx-xole8、以-yole8、以有lf(xy)-fcxo.yo)leE

By ching f(x,y) = f(x,y)

The standard of the standard

即于(x,y)在于yo处连续,证字

6. fixy1 = ln (1-x2-y2)

·此· 友g(x,y) = x2+y1, h(x) = (1-x)

2p f(x,y) = h(1-g(x,y))

·gxy,为亡无初等函数 山gcxy, 在走过城内自边

スンhu)在发火成内库设 ~~ f(xy)在(sy) xiyi~1 に近度

11m h(x) = -00 : (1/2) T(1-9(x,y)) = -00 = \$\frac{1}{4}x^2 + y^2 > 1 & \text{fuxy} = -00 : In

