```
(9) 常能分布 fulz): 10元を と 262
  山自由度為一时卡方分布
     0.3989 422 80 40 14333 Q -05x
  10) 自由度為2时卡方方布 05e-05X
 (d) 柯西分布 f(Z;0,1)=元(1+2+)
                        0.4+311346272637952
                            不(水十1)15
 (0) 自由度為1的七分布
[=] (b)
      V=1
       x2 = 1
       K2 = 4t, ch; 2, cdf ( X2, V)
                                             x= 5t, t. ppf (d. v)
      0.68269
                                             -1.71088>0799
  (C) V=2
      <3 = 4t. chiz . cdf (x2. v)
                                         191
                                             X== 4t.t. ppf (0.95, V)
                                             X, = 4t, t. ppf (0.05, v)
     0.39347
                                             (x1, X2)
                                             (-1.11088 20199094282)
 (e) V=1
                                               1,7108820199094275)
      4=1
      25 = 5t. t. cdf ( t v)
      25
     0.15
[3]
                                         (b) 4 = 65
                                          4 = 3
(a) 4=65
                                            h = 25
    6 = 3
    n: 25
                                           V=n-1
   XBar: by lix = li
                                           X Bar = 64
   6 X = 6/44. 59x + (n)
                                          t = (xBar-u)/(5/h*x 5)
   prob : 5t. norm. cdf (xBar. hx.6x)
                                          prob = st. t. cdf (t. v)
   prob
   0,0477903
                                          prob
                                          0.542900615
```