

Chi distribution

The chi distribution is a continuous probability distribution. It is the distribution of the square root of the sum of squares of independent random variables having a standard normal distribution. It can be also defined as distribution of the Euclidean distance of the random variables from the origin.

Cumulative distribution function

a := curve2d(chidist(x , 1) , x , 0 , 8 , 100) ←

b := curve2d(chidist(x , 2) , x , 0 , 8 , 100) ←

c := curve2d(chidist(x , 3) , x , 0 , 8 , 100) ←

d := curve2d(chidist(x , 4) , x , 0 , 8 , 100) ←

e := curve2d(chidist(x , 5) , x , 0 , 8 , 100) ←

Name	Title	Color	Origin
a	k = 1	-----	
b	k = 2	-----	
c	k = 3	-----	
d	k = 4	-----	
e	k = 5	-----	

Chi - Cumulative distribution function

