Normal distribution

The normal distribution is a continuous probability distribution, it is often used in the natural and social science to represent real-valued random variables whose distribution are not known.

Cumulative distribution function

```
a := curve2d(normaldist(x , 0 , 0.2) , x , -10 , 10 , 101)
b := curve2d(normaldist(x , 0 , 1) , x , -10 , 10 , 101)
c := curve2d(normaldist(x , 0 , 5) , x , -10 , 10 , 101)
d := curve2d(normaldist(x , -2 , 0.5) , x , -10 , 10 , 101)
```

Name	Title	Color	Origin
a	(0, 0.2)	--------	
b	(0, 1)	--------	
c	(0, 5)	--------	
d	(-2, 0.5)	--------