Beta distribution

Cumulative distribution function

$a := curve2d\left(betadist\left(x, 0.5, 0.5\right), x, 0, 1, 100\right)$

$b := curve2d\left(betadist\left(x, 5, 1\right), x, 0, 1, 100\right)$

$c := curve2d\left(betadist\left(x, 1, 3\right), x, 0, 1, 100\right)$

$d := curve2d\left(betadist\left(x, 2, 2\right), x, 0, 1, 100\right)$

$e := curve2d\left(betadist\left(x, 2, 5\right), x, 0, 1, 100\right)$

Name	Title	Color	Origin
a	(0.5, 0.5)	--------	
b	(5, 1)	--------	
c	(1,3)	--------	
d	(2, 2)	--------	
e	(2, 5)	--------	

Beta - Cumulative distribution function