

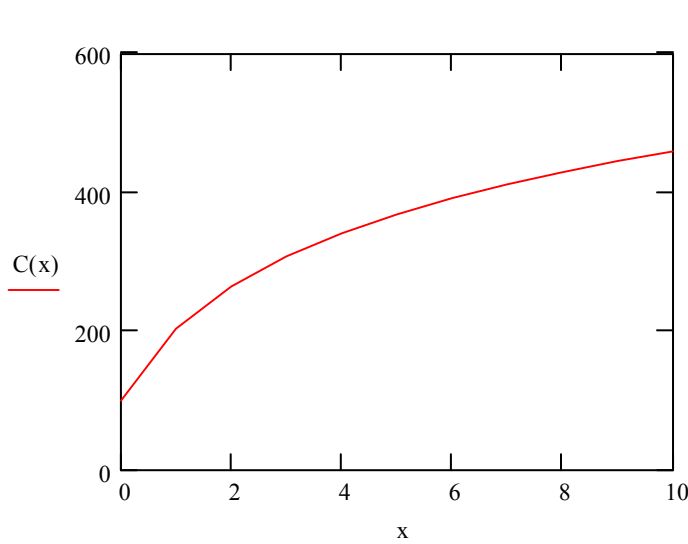
Degressive Costs

$x := 0..10$ Quantity of goods produced

$C_V(x) := 150 \ln(x + 1)$ Variable costs

$C_f := 100$ Fixed costs

$C(x) := C_f + C_V(x)$ Total costs



x =	C(x) =
0	100.00
1	203.97
2	264.79
3	307.94
4	341.42
5	368.76
6	391.89
7	411.92
8	429.58
9	445.39
10	459.68

$x := 1..10$

$c_V(x) := \frac{C_V(x)}{x}$ Variable cost per unit

$c_f(x) := \frac{C_f}{x}$ Fixed cost per unit

$c(x) := \frac{C(x)}{x}$ Total cost per unit

x =	$c_V(x) =$	$c_f(x) =$	$c(x) =$
1	103.97	100.00	203.97
2	82.40	50.00	132.40
3	69.31	33.33	102.65
4	60.35	25.00	85.35
5	53.75	20.00	73.75
6	48.65	16.67	65.31
7	44.56	14.29	58.85
8	41.20	12.50	53.70
9	38.38	11.11	49.49
10	35.97	10.00	45.97