

Solution

0	-4	0	-2	-1
2	-1	-3	1	-3
2	3	0	2	2
0	0	3	-1	4

Finding solution
for each point
(example)

grad

-4	-6	-5	-15	-20	-30
-5	-8	-13	-15	-28	-31
0	-6	-17	-22	-30	-40
9	-2	-9	-24	-26	-39

tmp

accumulation

6	2	2	4	4
6	6	2	6	5
4	7	5	5	8
2	4	5	3	6

int

pointer to previous column

-6	2	-2	-2	-3
-8	-5	1	-7	-2
-6	-10	-5	-7	-10
-2	-4	-8	-2	-10

-grad-int

x				
	x			
		x		
			x	

result