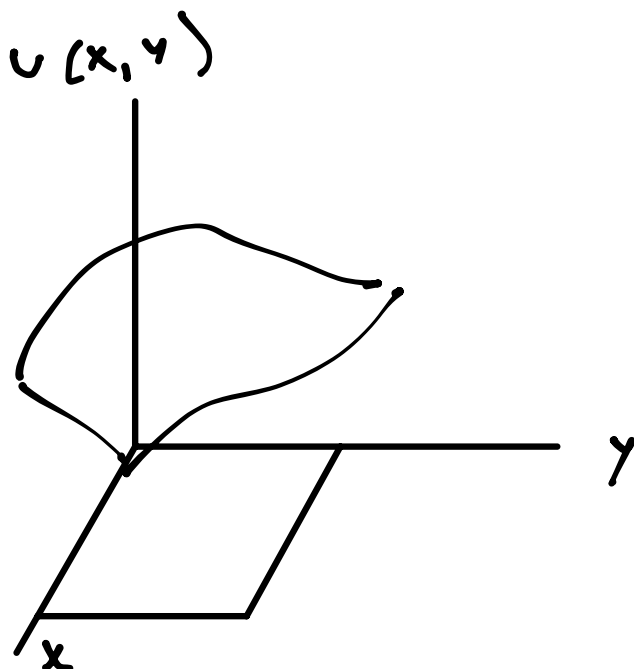


U=0

$$\frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} = 0$$



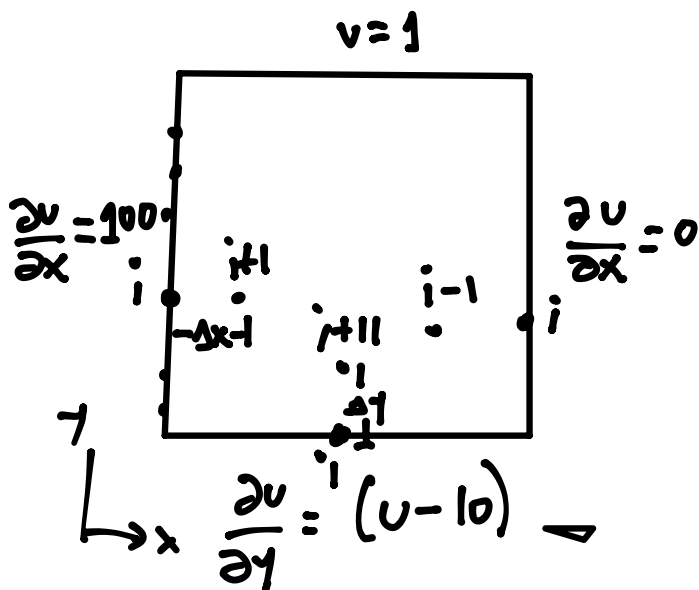
	0	1	2	3
0	0	0	0	0
1	0.03333...	0.03333...	0.03333...	0.03333...
2	0.06666...	0.06666...	0.06666...	0.06666...
3	0.1	0.1	0.1	0.1

	0	1	2	3
0	0	2.52637...	0	0
1	0	0.246154	0.246154	0
2	0	0.553846	0.553846	0
3	1	1	1	1

110	111	112								120
99	100									109
88	89							47		48
77										87
66										76
55										65
44								42		54
33	34									43
22	23	24	25	26	27	28	29	30	31	32
11	12	13	14	15	16	17	18	19	20	21
	0	1	2	3	4	5	6	7	8	9

12:21

$$[12 \dots 20]$$



$$\boxed{\nabla^2 u = 0}$$

$$\frac{V_{i+1} - V_i}{\Delta x} = 100$$

$$\frac{DER}{u_i - u_{i-1}} = 0$$

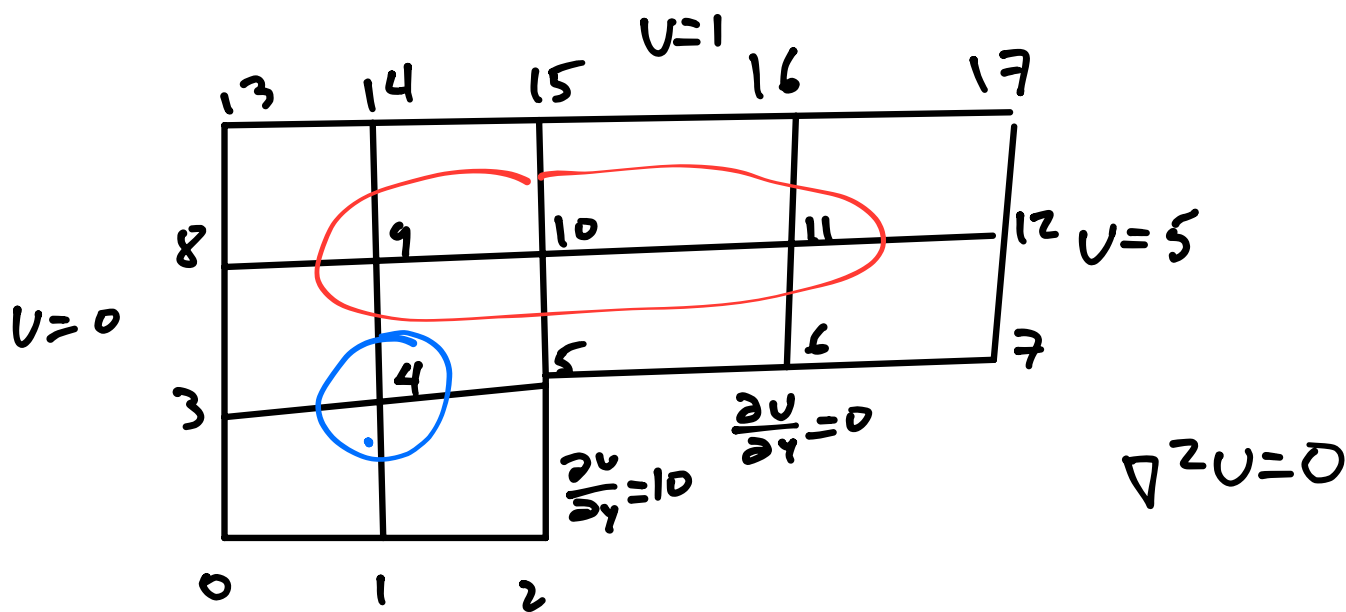
Δx

ABASO

$$\frac{V_{i+1} - V_i}{\Delta y} = V_i - 10$$

$$\frac{\partial^2 V}{\partial^2 x^2} + \frac{\partial^2 V}{\partial y^2} - 100V = 0$$

$$\frac{V_{i+1} - 2V_i + V_{i-1}}{\Delta x^2} + \frac{V_{i+1} - 2V_i + V_{i-1}}{\Delta y^2} - 100V_i = 0$$



$V=0$

Internos $i = (9, 10, 11, 4)$ $j = 1, 2, 3$

$10 \rightarrow 9i-1, 15i+5, 10i, 11i+1, 5i-5$

$9i+5$

$4i, 3i+1$

$1i-3$