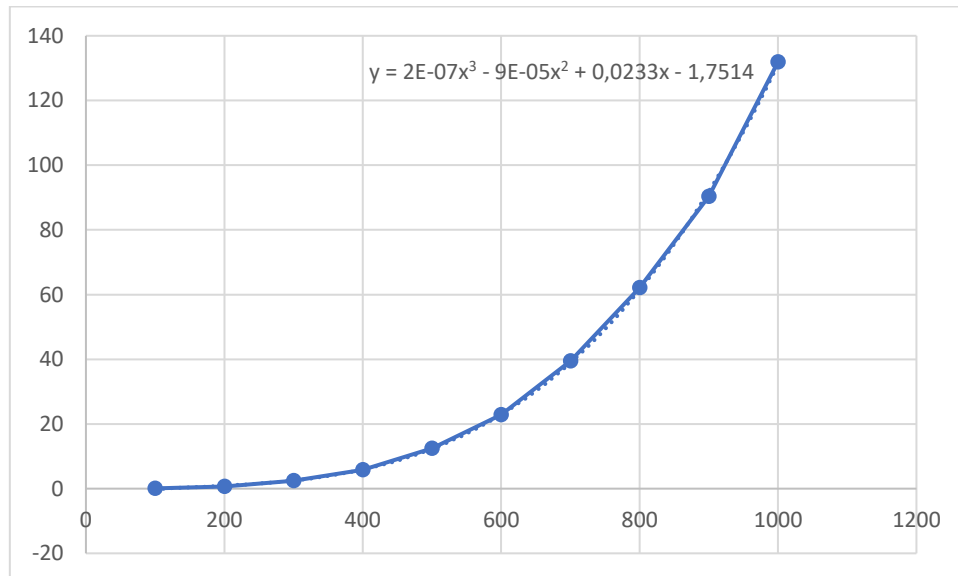


# Parallel programming

Paweł Jędrzejczyk  
Wojciech Paczeński

## Práctica 1

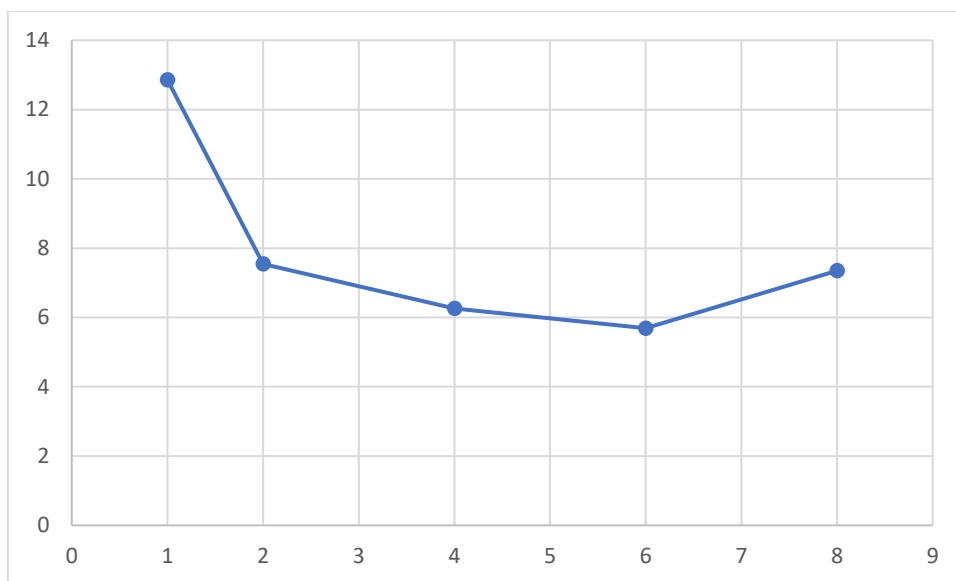
### Ejercicio 1



Complexity of the algorithm is  $O(n^3)$

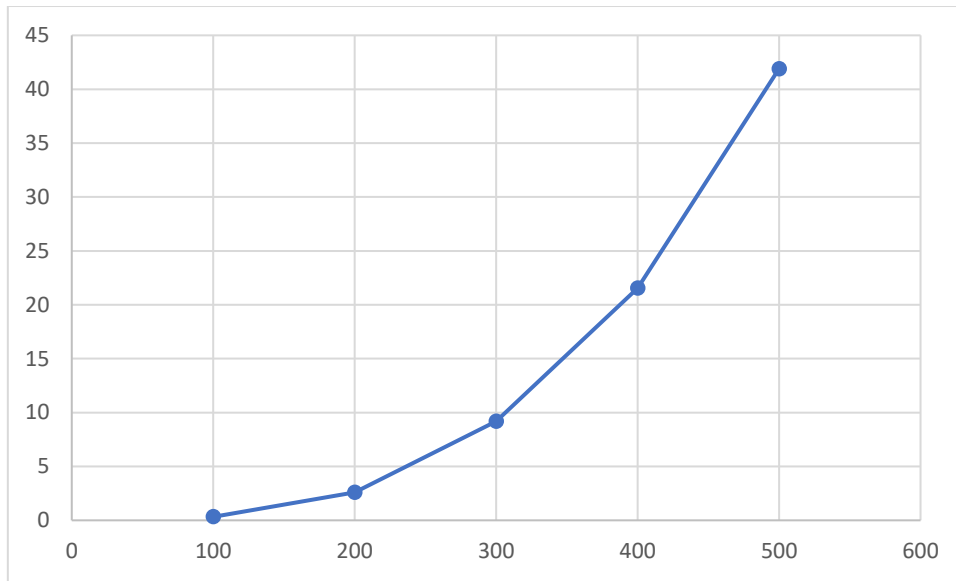
n	Time [s]
100	0,0826881
200	0,6755016
300	2,4074413
400	5,8597319
500	12,4586063
600	22,8422746
700	39,4468871
800	62,0890274
900	90,2901087
1000	131,9397722

## Ejercicio 2



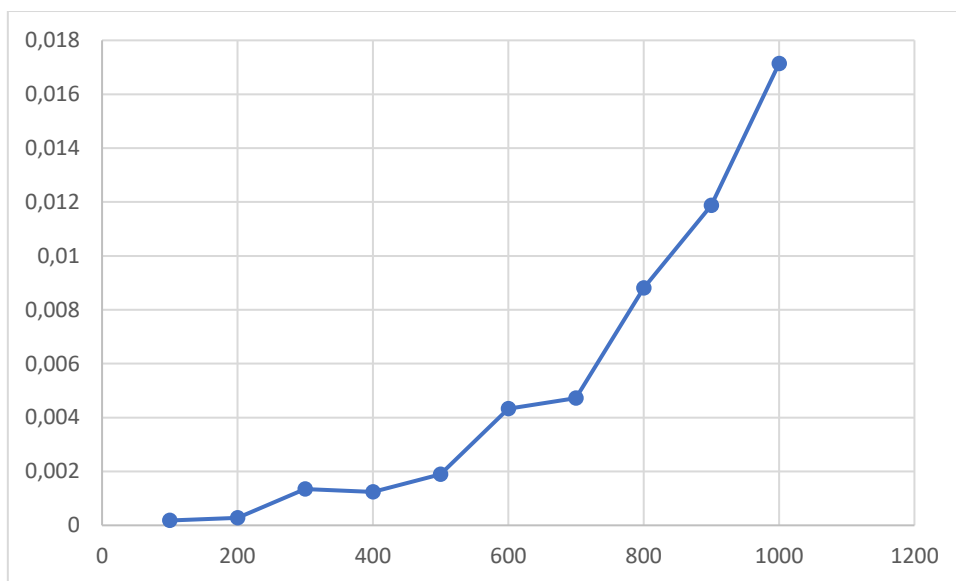
p	Time [s]
1	12,8612525
2	7,54399
4	6,2636767
6	5,6905776
8	7,3489292

## Ejercicio 3



n	Time [s]
100	0,3250096
200	2,6091205
300	9,1800194
400	21,5425303
500	41,9047887

## Ejercicio 4



n	Time [s]
100	0,00018
200	0,0002762
300	0,0013521
400	0,0012344
500	0,001889
600	0,0043233
700	0,0047167
800	0,0088088
900	0,0118711
1000	0,0171371

