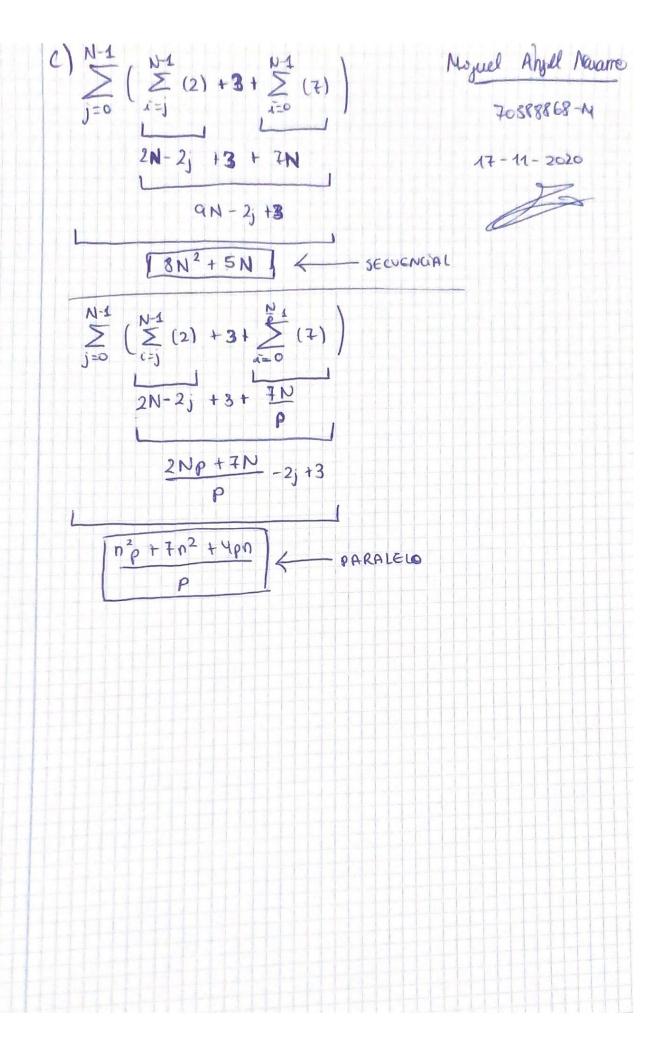
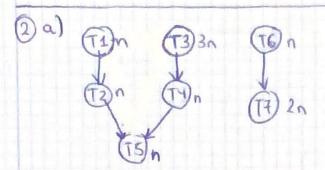
Miguel Argel Navarro Areras

17-11-2020 70588868-M

```
(1) a) versión paralela del hude externo
  double of (double A [NJ[NJ, double v [NJ] )
     ant i, j;
    double x, y, q, ming;
    # prograc comp paralell for reduction (+: y) private (ming, e, q)
    Il (a partir de aqui el cédigo se mantendrá igual)
 b) Yeuron paralle del budes internos
 double / double A CNICNI, double v CNI) ?
     ant x, ji
   double x, y, q, minq;
    Y=0;
   for (j=0; jKN; jHld
      mung = 1 = 300)
       X = 1;
        # pragme omp paralell
          the prayme comp for reduction (+: x) reduction (+! y)
           for L
           # prosma comp for purate (q)
           for ( -.. 14
             # pragme comp cutical
             of (q Kming) {
              mmg = 9;
```

11 rests del cédeje igual





• Camino oritàre \Rightarrow T3-T4-T5 \Rightarrow L=Sn \Rightarrow borgand camino oritàre
• Camino oritàre \Rightarrow T3-T4-T5 \Rightarrow L=Sn \Rightarrow borgand camino oritàre
• Camino oritàre \Rightarrow T3-T4-T5 \Rightarrow L=Sn \Rightarrow borgand camino oritàre

4 sinch A) el nº de tareas

b) Paraleliza

double / (double ya [], double yb [], double Yc [], mt n) d

double x;

#prograe omp parallel sections

It prograe omp section { /* section 1 */

x=min (ya, n);

inverte (ya, n);

the prograe omp section { /* section 2.*/

normaliza (yb, n);

enverte (yb, n);

prograe omp section d /* section 3*/

surria (ya, yb, n);

It prograe omp section d /* section 4 */

enverte (yc, n);

rait (yc, n);

¿ neturn x; 1-x podríamos ahorramos section 3 y sacor aquí T5×1

6

Miguel Aguel Navarro Arenas C) Speedup 7058 8808 -M - Coste section 1 > 2n 17-11-2020 Coste section 2 >4n - Coste section 3 + n - Coste section 4 > 3 m

Procesoulor s Proces ador 5n - a camino vattico (langitud) $\frac{106}{500} = \frac{106}{500} = \frac{2}{300}$

	Miguel Angel Navarro Areras	17-11-2020 So 70588868-M
•	(3) a) Avadelisa con 1 vinia región paralela	
	Vaid gertions - audientics () <	
	for () 2	
	Suma Audienera	help = omp-get_throad_num();
	를 보고 있는 사람이 가는 사람이 되었다면서 가장 하는 것이 없는데 함께 되었다면서 가장 하는데 함께 가장 하는데 있다면서 되었다면서 하는데 하는데 하는데 하는데 하는데 다른데 다른데 하는데 하는데 다른데 다른데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는	
	# prayma comp parallel of no hiles =0; # prayma comp for reduction (+ total) reduction (+ audiencia) paralle (secur	
	the first only for addition of the	iae) remaion ir manifold) phoese com
•	Jor (i=0; 1 2.	
	It pragma omp atomic?	
111	napitules (serie) ++ 6.	
		no hilos tt;
++++	! /* total += audiencia; :	
1-1-1		
		u: Audienia Mix) private (audienia)
	for (x=0) <	
•	#pragma omp crutical ?	
	of (audiencia > Audiencia Max) {	
	Audienuis Max = audiencia;	
	Mejor sevie = t;	
{ lit cercamos seción oratra */		punt of ("Hulo: %d, no hels.
	3/* coverns hucle for */ > Plant of Challes / Plant of Malo, no hilos); 1 * securon de les grant of the last of the securon de les grant of the last	
0	3 1 x concernos function.	OTA en verde apartado bl