SP.

Prod matrices x bloques.

inicial = id $\frac{N}{T}$

final = inicial + $\frac{N}{T}$ = id $\frac{N}{T}$ + $\frac{N}{T}$

= (id+1) $\frac{N}{T}$

```
for i = inicial ; i < final ; i += bs
  for j = 0 ; j < N ; j += bs
      c = &Ab(i,j)
    for k = 0 ; K < N ; k ; j += bs
      a = &A(i,K)
      b = &B(K,j)
      for (f = 0 ; f < bs ; f++
        for c = 0 ; f < bs ; c++
          for h = 0 ; h < bs ; h++
            c(f,c) += a(f,h) * b(h,c)
```

N: 4
T: 2
id : 0
inicial: 0
final: 2
BS

8
2
0 1
0 4
4 8
4

i: 0 , j: 0 , k: 0 T=0

AB_{00} = A_{00} B_{00}

f: 0 , c: 0 , h: 0

$AB_{00} = 0 + A_{00} B_{00}$

h: 1

$AB_{00} = A_{00}B_{00} + A_{01} B_{10}$

h: 2

$AB_{00} = A_{00} B_{00} + A_{01} B_{10} + A_{02} B_{20}$

h: 3

$AB_{00} = A_{00} B_{00} + A_{01} B_{10} + A_{02} B_{20} + A_{03} B_{30}$

h: 4

$AB_{00} = A_{00} B_{00} + A_{01} B_{10} + A_{02} B_{20} + A_{03} B_{30} + A_{04} B_{40}$

c = 1 h = 4

$AB_{01} = A_{00} B_{01} + A_{01} B_{11} + A_{02} B_{21} + A_{03} B_{31} + A_{04} B_{41}$ < BS

c = 2

AB_{02} = ...

c = 3

AB_{03} = ...

c = 4

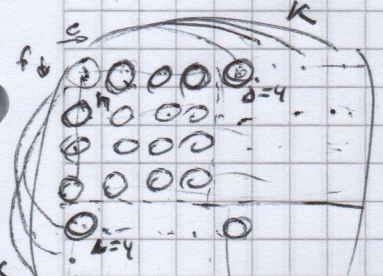
AB_{04}

f = 1 c = 0

AB_{10} =

f = 4 c = 4 h = 4

$AB_{44} = A_{40} B_{04} + A_{41} B_{14}$ + ...



K = 0+4

A_{04} B_{40}

$A_{00} = A_{00}$ ...

+ $A_{01} B_{10}$ +

$A_{02} B_{20}$

$A_{03} B_{30}$

$A_{04} B_{40}$

$A_{05} B_{50}$

$A_{06} B_{60}$

$A_{07} B_{70}$

$A_{08} B_{80}$

A_{01} += $A_{04} B_{41}$ ...

Completa la misma cuenta.

lo hace el MISMO T. (solo cambia i)

j = 4

AB_{04} =

+

(·)(·) + (·)(·)

T = 1

i = 4

AB_{40} = ...