

API

4/2/2025

Cours

IAE

Cours

DSP

5/2/2025

Cours

ESP_IDF

, Arduino IDE ,

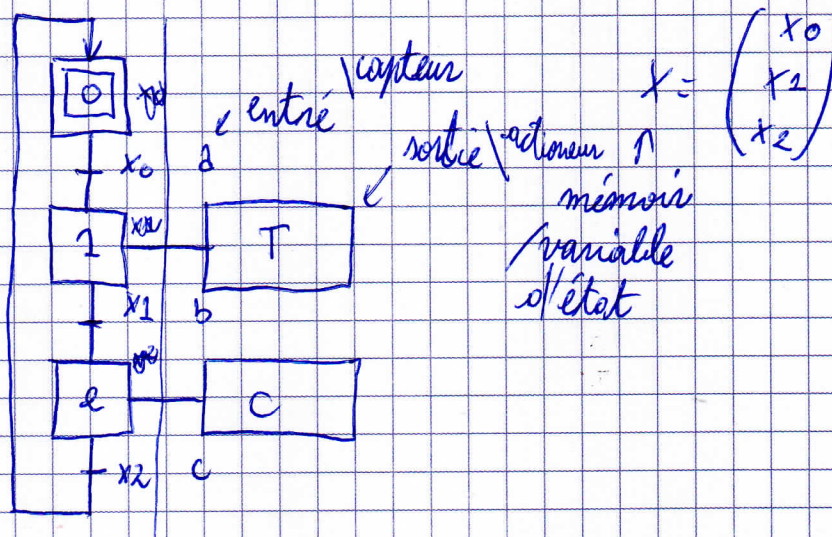
VS Code ,

Python

API

11/2/2025

Cours



DSP

12/2/2025

Cours

Les unités d'un dsp:

1) ALU

2) FPU
float
double
long double

3) Control Unit

4) Bus

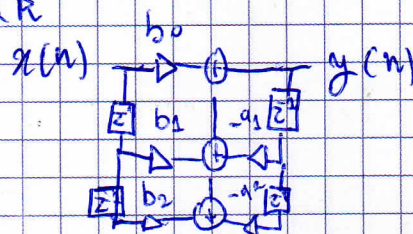
5) Register Gen

6) Multiplication Accumulation Unit MAC

7) Dynamic Memory Access DMA

8) Shift-left/right Register
Rotate " / "

9) IIR



unité de performance :

M FLOPS : Million floating points operation per seconds

M OPS : " opérations per second (sequ.)

M IPS : " instruction " "

M BPS^{MBps} : Mega Bytes " "

M MACS : Million MAC " "