

Unidade 3

1 2 3
1 2 3

Transformação

Mundo

Objeto lista [A] [B] [C]

[ENUNCIADO: Última Aula]

[SCANLINE: EXE 7: duas aulas
PARADOX: AFAS]

[Transformações Geométricas]

EXER: 8, 9, 10, 11, 12

Código { Mundo → Keyboard
Objeto

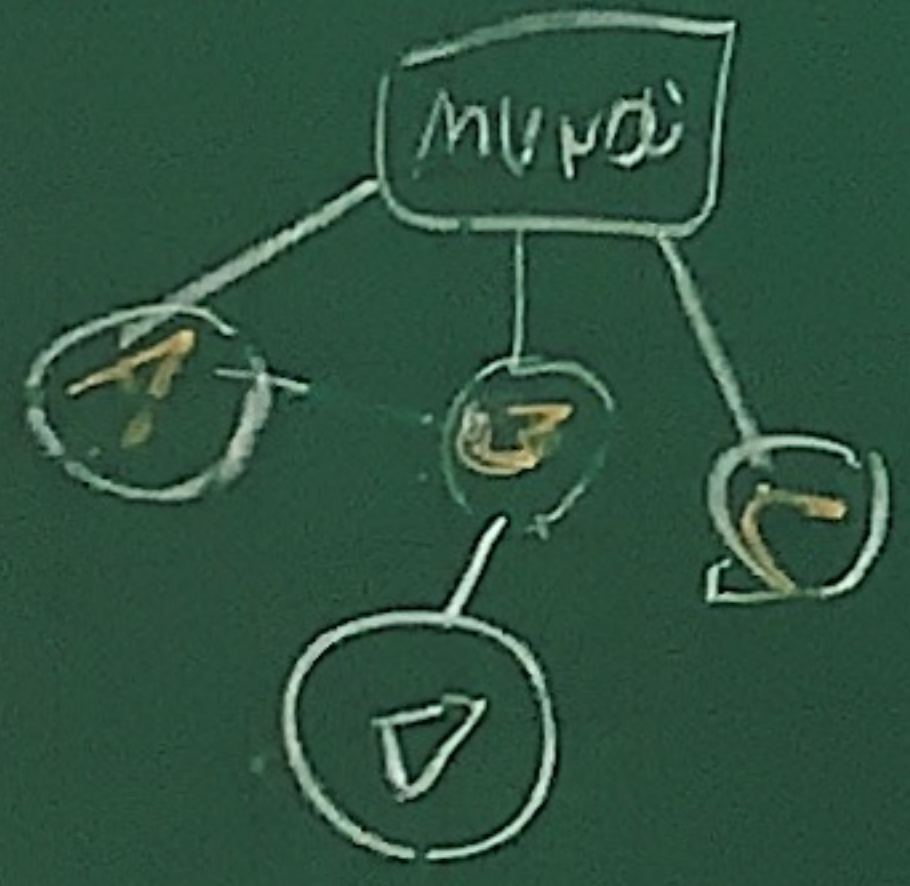


Gráfico de Cena

$$\begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix} = I^A$$

ESPAÇO HOMOGENEO

DADOS
CPU → 1000 p/s
4000000

Objeto
Objeto Geométrico
Polígono
Objeto lista [D] [E] [F]
pontos lista
Def

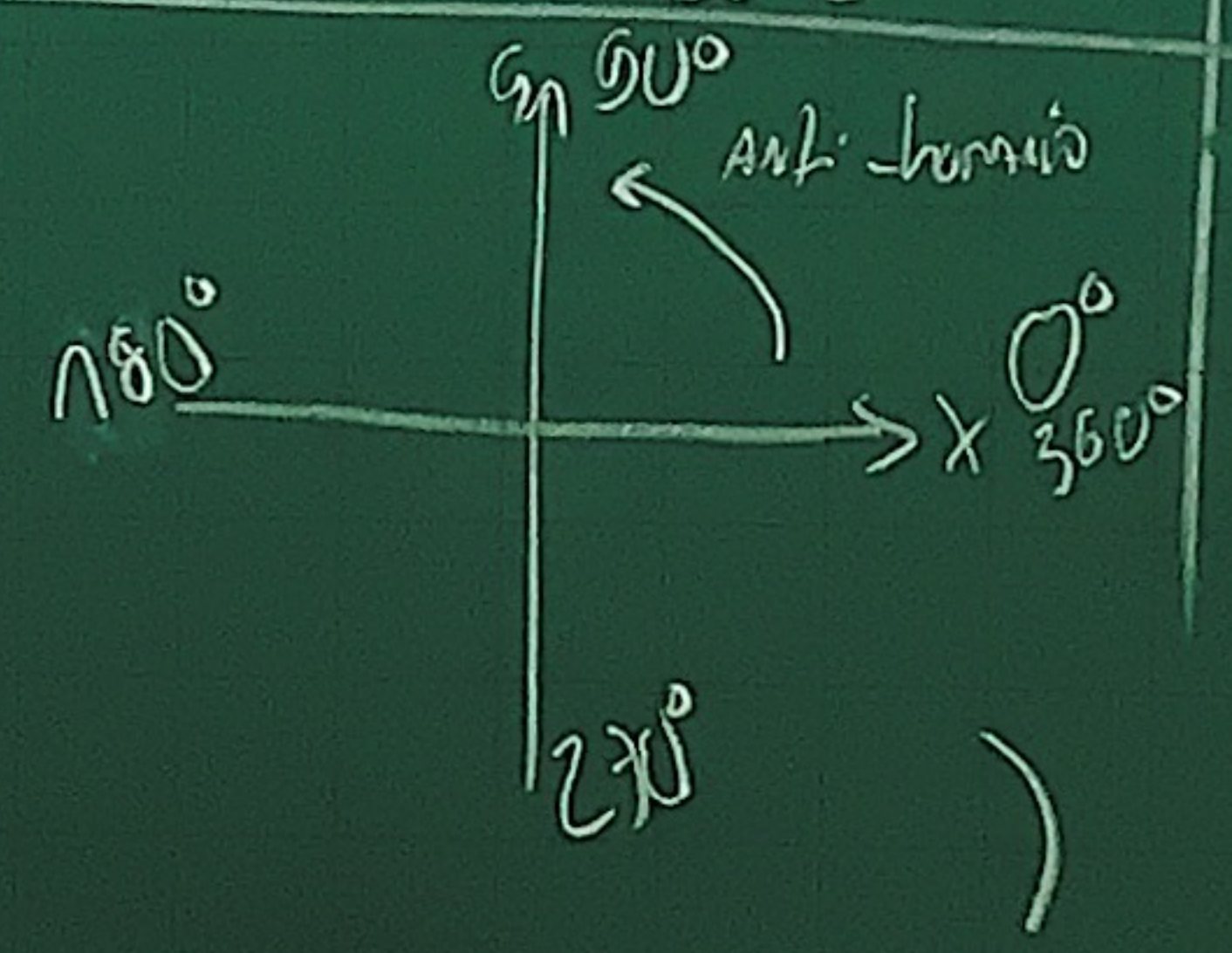
L	TRANSLAÇÃO	SOMA
S	ESCALA	MULTIPLICAÇÃO
R	ROTAÇÃO	SIN COS

Elemento neutro

$$(M_A \times M_B) + M_C = M_G$$

$$M_A + (M_B \times M_C) = M_G$$

$$M_A + M_C + M_A = \text{AS}$$

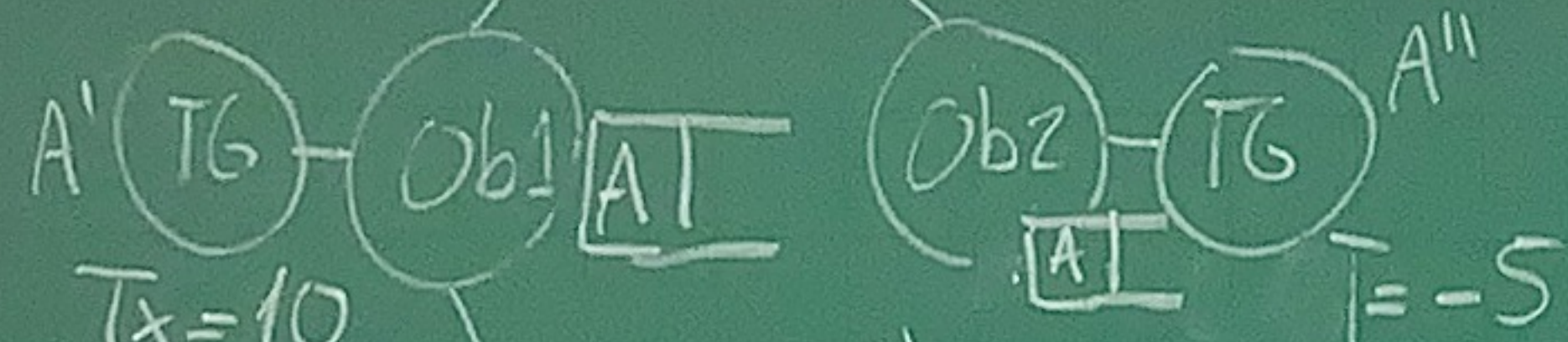


20:20

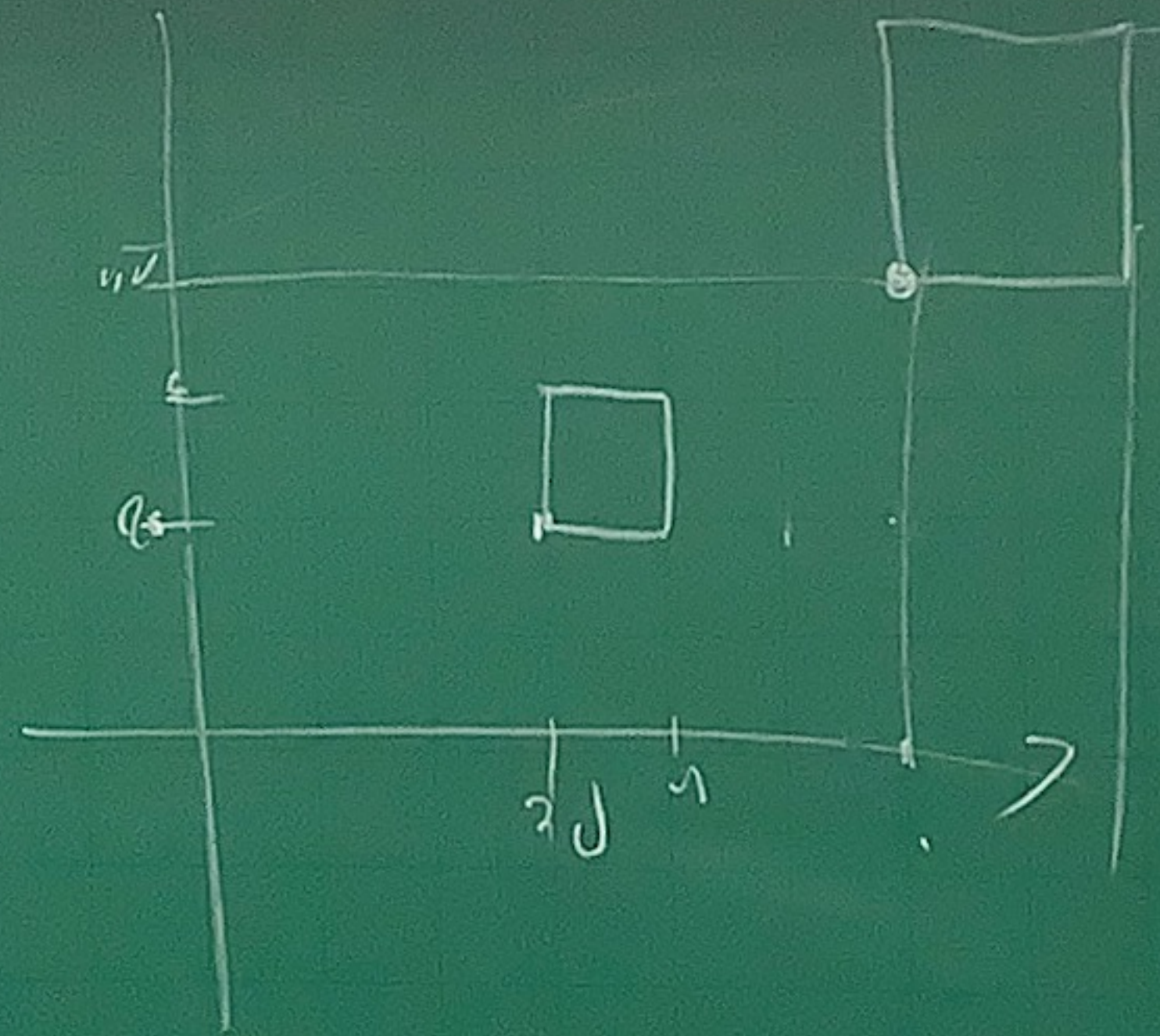
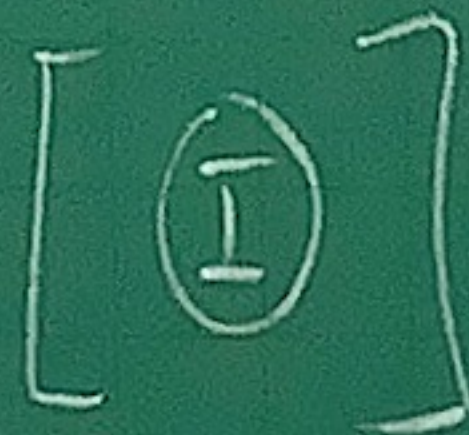
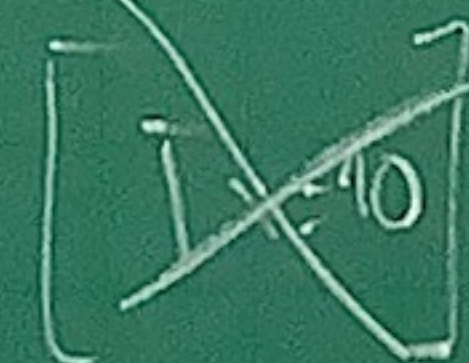
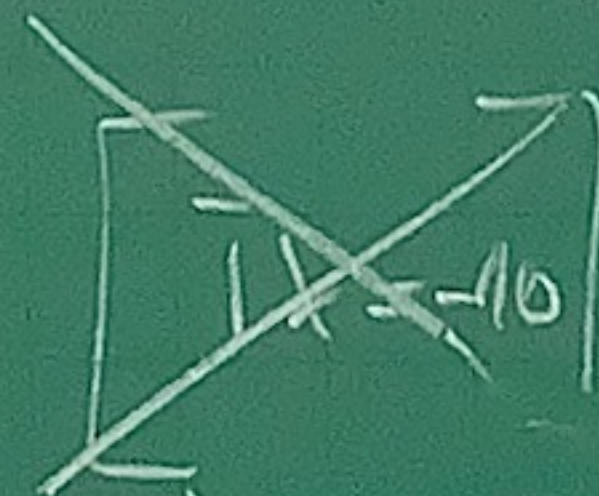
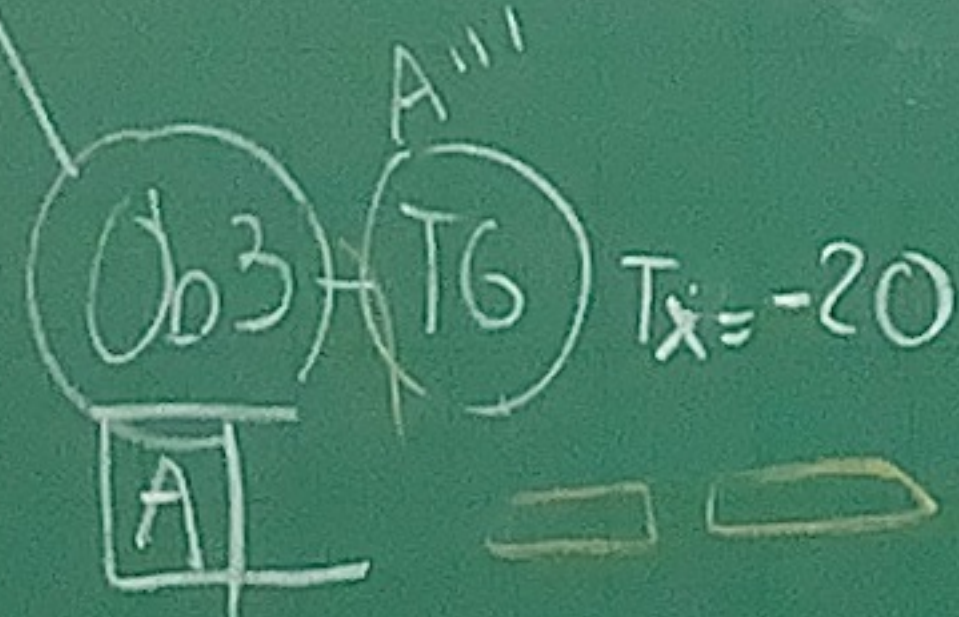
1000

MONDO

MV[1]



$\begin{bmatrix} 1 & 0 & 0 & 10 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}$



A(30, 20)

