

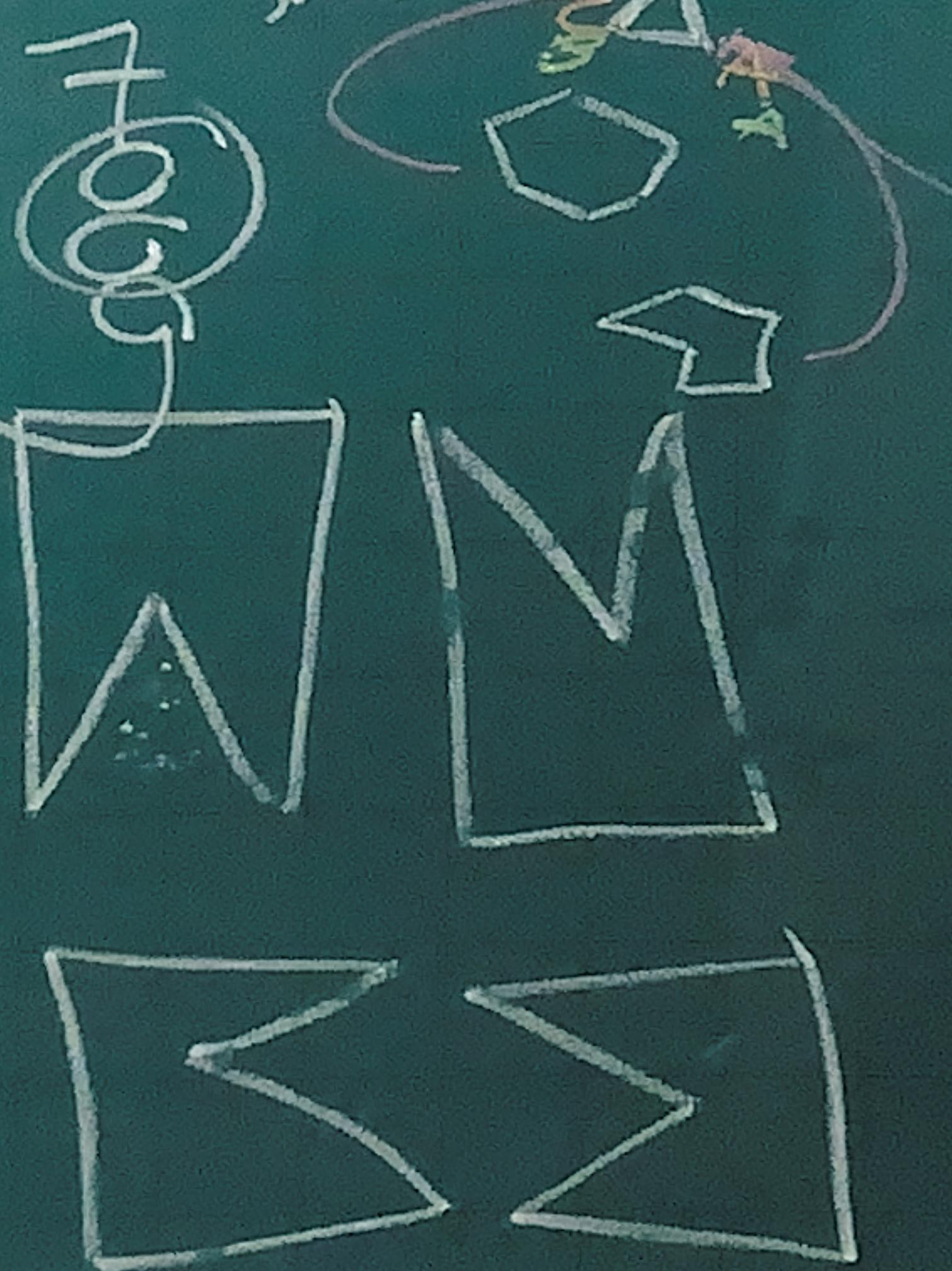
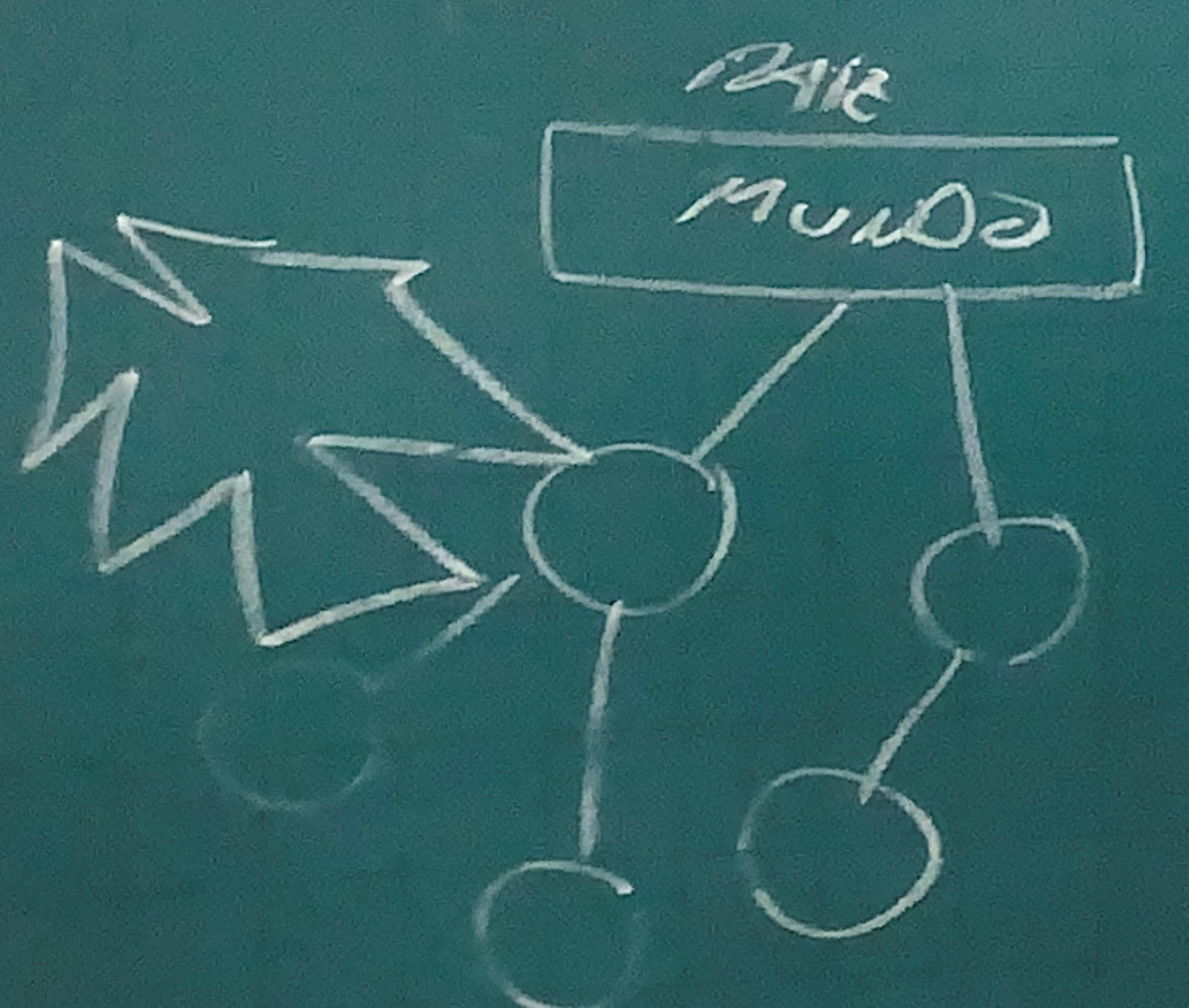
Unidade 3

SELEÇÃO: SCANLINE

Transformações
geométricas

* → CÂMERA SINTÉTICA

→ GRAFO CENA



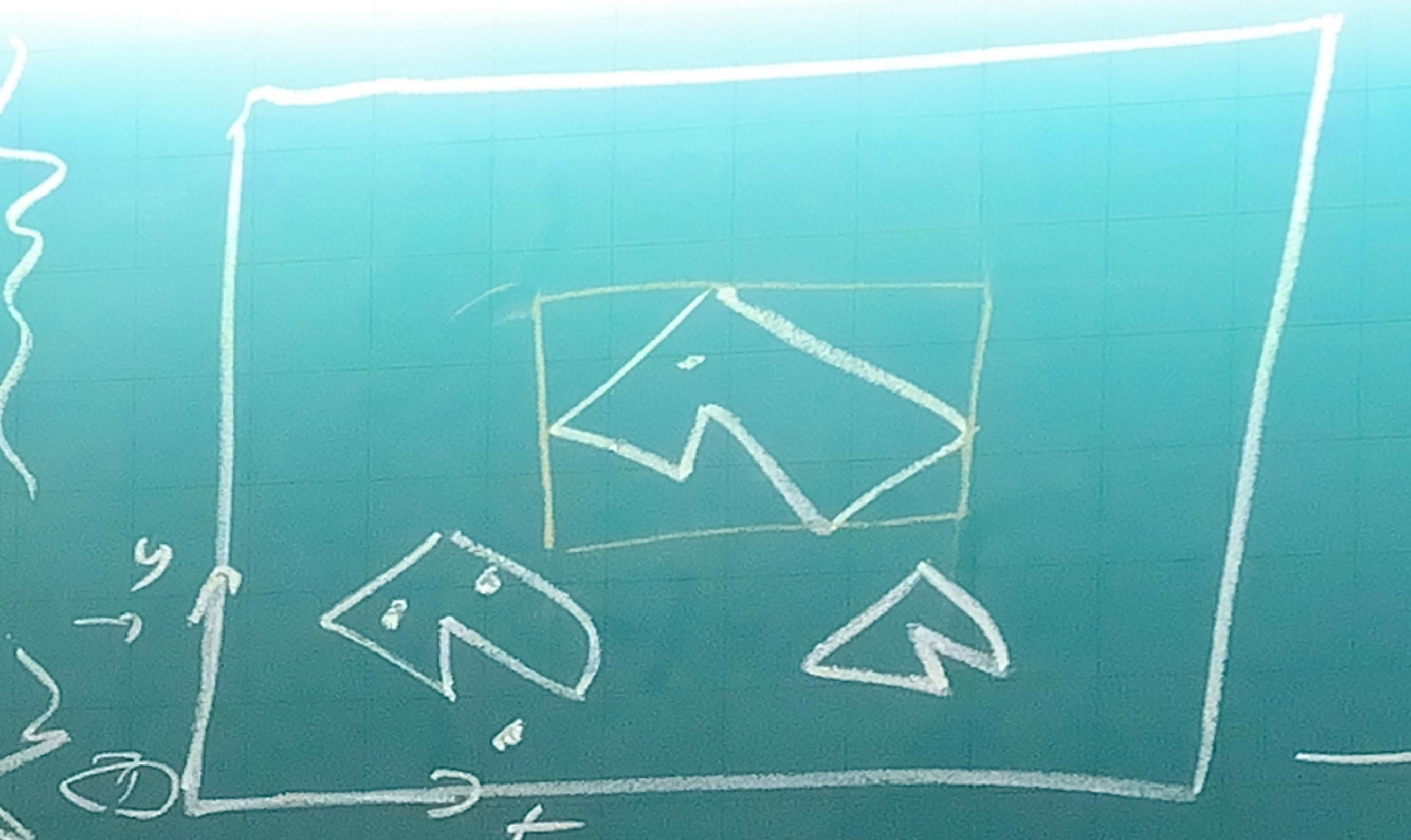
Dados

matrizes

Pixel (2D)
Pixel (3D)

Vetorial

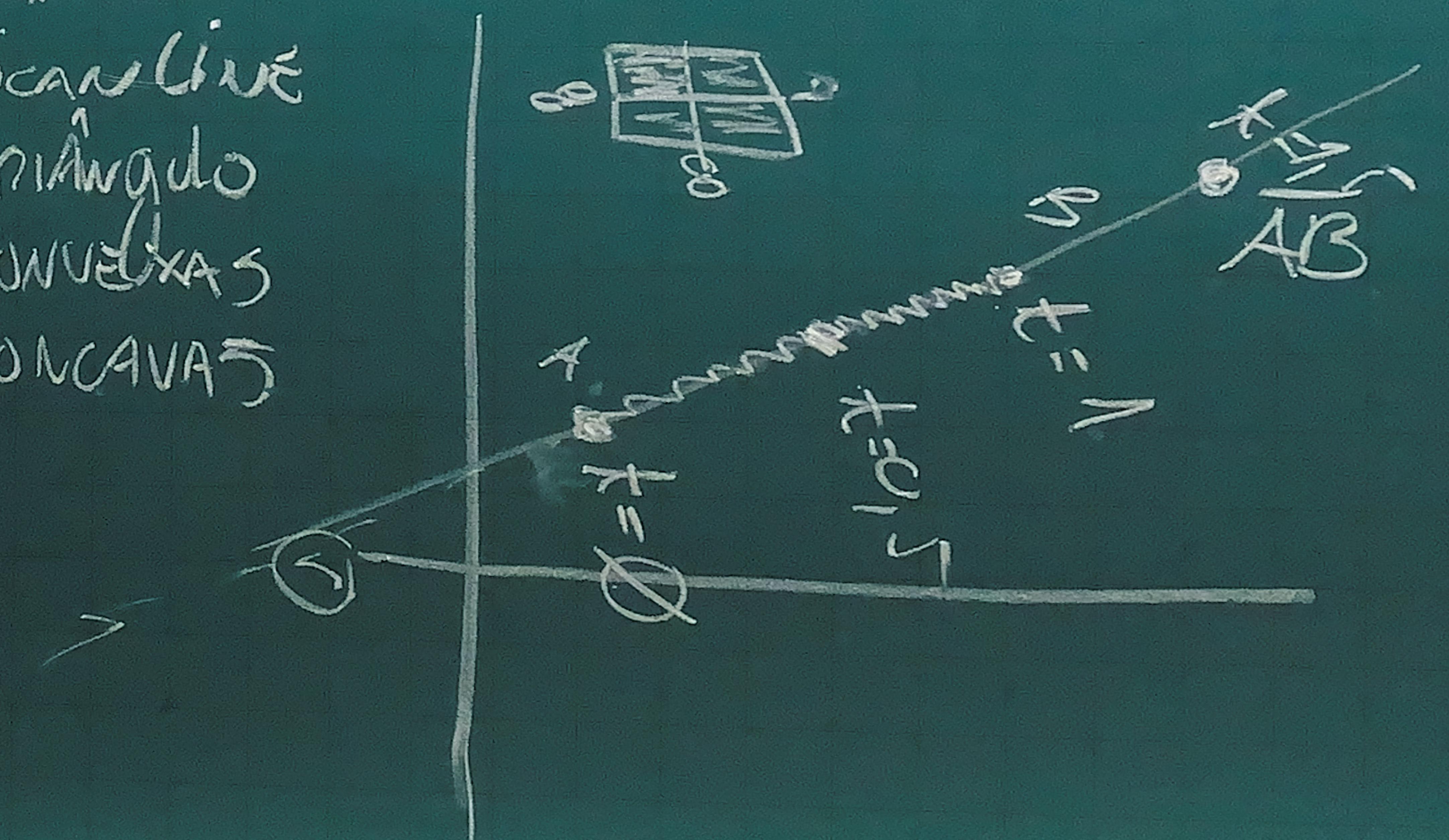
Paridade
Scanline
Triângulo
CONVEXAS
CONCAVAS

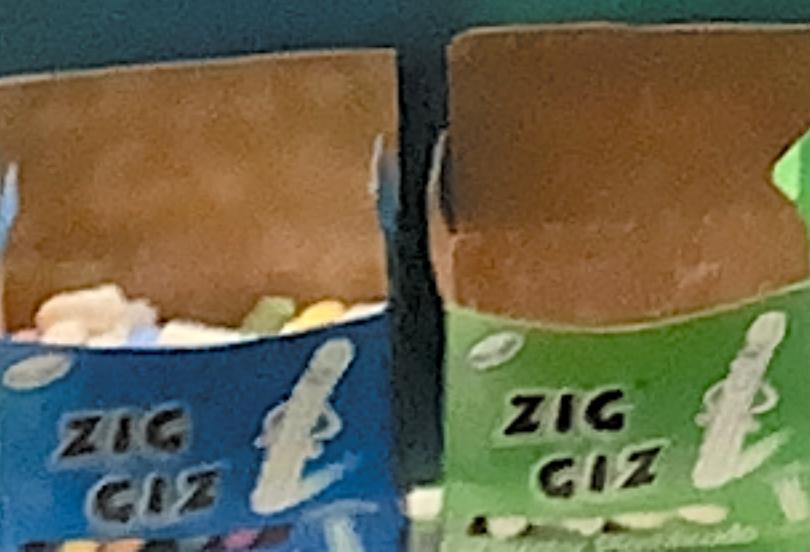


EHP 5

$t = 15$ 1,000,000
1 RGB

$$P = P_1 + (P_2 - P_1) \cdot t$$





→

$F_{Paralelo} = \emptyset$

i) Definir Scanline

ii) Colisão entre

{Scanline
Segmento}

\overline{AB}

\overline{EF}

\overline{FG}

\overline{HI}

(y_{C1}, y_{C2})

PtaColisão(X, Y)

iii) $x_{col.} > x_{clique}$

\rightarrow IMPAR - DENTES

PA : FONDA



$$t_i = \frac{y_i - y_1}{y_2 - y_1} = \frac{y_i - A_y}{B_y - A_y}$$

\overline{AB}

\overline{EF}

\overline{FG}

\overline{HI}

\overline{IJ}

\overline{KL}

\overline{LM}

\overline{MN}

\overline{NO}

\overline{OP}

\overline{PQ}

\overline{QR}

\overline{RS}

\overline{ST}

\overline{TU}

\overline{UV}

\overline{VW}

\overline{WX}

\overline{XY}

\overline{YZ}

\overline{ZA}