Computação Gráfica

Pag. 18.

@ = 0=(2,4) b=(6,2) parmula: (xpf-xpi, ypf-)pi)

$$D = (6-2, 2-4) = (4,-2)$$

$$D = (6,7) b = (-1,-2)$$

$$(-1-6,-2-7) = (-7,-9)$$

$$\triangle a = \{2, -5\} = \sqrt{2^2 + (-5)^2}$$

$$\sqrt{4 + 25} \Rightarrow \sqrt{29}$$

$$\begin{array}{l}
b = \langle 4, 2 \rangle = \sqrt{4^2 + 2^2} \\
\sqrt{16 + 4} = \sqrt{20}
\end{array}$$

Pag. 20

$$(3-3,5+2,-6-3)=(0,7,-9)$$

pag. 22

$$\langle 3-1,2-7 \rangle = \langle 2,-5 \rangle$$

120g. 24

$$|\mathbf{x}| = \sqrt{12^2 + 3^2} = \sqrt{144 + 9} = \sqrt{153}$$

$$u = \left(\frac{12}{\sqrt{153}}, \frac{3}{\sqrt{153}}\right)$$

$$(1.2+7.4+5.5)=(2+28+25)=55$$

$$|\mathbf{n}| = \sqrt{(-3)^{2} + 4^{2} + (-5)^{2}} \qquad \mathcal{M} = \frac{\Delta}{|\Delta|} = \left(\frac{-3}{\sqrt{150}}, \frac{1}{\sqrt{150}}, \frac{-5}{\sqrt{150}}\right)$$

pag. 29