Computação gráfica à a utilização de um computadas para evas au monistribas imagens.

21

significant sains - this & metains constrain acoultinger

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## angami el esettie ?

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3)

sup mater it atinit alynor mil it lander each not can ter each with lainter against mil only in while retribution electronactil mi and

Conjunto C = {10, 10, 102 ... 15 m 3

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ii) [c] = V

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4)

où sa mare san et a ture a true a sa con a con a

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1) Me m= sc2 = ) s(24) = scx2) | 4 = s(2) , 4 = s(2)

(x) = y | (x) 2 mu staise x abat anal (ii)

reuplant is reservetived method by orthograms a orthogram company.

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oconomateriant smu 's round apparent smul (3) i comoira aid patelles up

(a+u)25(u)2+(u)2(i

11) F(KM) = K F(M)

Vapagne ab avater ãa a U U M ( e 2 3 x stans antiso U W stans , W me V st air smul amu 2 e Lairater a sorras

(Baldrimi pag 144)

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52 (m) = 5 cm > + 10

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Ratation

$$\begin{bmatrix} x' \\ y' \\ 2 \end{bmatrix} = \begin{bmatrix} x & y & y & y \\ x & y &$$

$$u = x_{m} \hat{i} + y_{m} \hat{j} + z_{m} \hat{k}, \quad m = x_{m} \hat{i} + y_{m} \hat{j} + z_{m} \hat{k}$$

$$v = x_{m} \hat{i} + y_{m} \hat{j} + z_{m} \hat{k}$$

u, u = v, u = v, u = v, u

naitalement

$$\begin{bmatrix} x' \\ y' \\ 3 \end{bmatrix} = \begin{bmatrix} xc \\ 4 \\ 3 \end{bmatrix} + \begin{bmatrix} xc \\ 4c \\ 3c \end{bmatrix}$$

8)

superst me soit any an i sain ligamed sabarebrass sagalament e sagatan cogamagament so submi anal lais nom sagareps fintess soinie anue mie

$$P_1 = \begin{bmatrix} 2 \\ 1 \\ 1 \end{bmatrix}$$

orthogram orthographens it and \*

Uma farma de descrerage uma orientação de um carbo rigido.

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-absingant raws rate n+3s+1+1x=p and e to p aincetauly me entere appeals and estaine all it anapales are s aiopalar el pirlom

$$\begin{cases} 2(x^{2}-y^{2}-y^{2}+n^{2}) & -x^{2}+y^{2}-y^{2}+n^{2} \\ 2(xy+ny) & -x^{2}+y^{2}-y^{2}+n^{2} \\ 2(xy+ny) & 2(y^{2}+ny) & -x^{2}-y^{2}+y^{2}+n^{2} \end{cases}$$



Il acparibilium a rapidan lec'inner agua ano

(AXP) E[D(C[B(AXP)])] = (EXDXCXBXA)P

$$\frac{1^{2}(1-\epsilon_{30}) + \epsilon_{30}}{(1)(1)(1-\epsilon_{30})(1)-1 \cdot \delta_{30}} \frac{(1)(1)(1-\epsilon_{30})}{(1)(0,0)}$$

$$\frac{1^{2}(1-\epsilon_{30}) + \epsilon_{30}}{(1)(0,0)} \frac{(1)(1)(1-\epsilon_{30})}{(1)(0,0)} + \epsilon_{30} \frac{(1)(1)(1-\epsilon_{30})}{(1)(0,0)}$$

(1)(1)(1-630)-(1)(b30)(1)(1)(+c40)+(1)(b30)(1)

15)
$$R_{k0} = \begin{cases} k_{3c}^{2}(1-c_{0})+c_{0} & k_{3c}k_{y}(1-c_{0})-k_{3}b_{0} & k_{3c}k_{y}(1-c_{0})+k_{y}b_{0} \\ k_{x}k_{y}(1-c_{0})+k_{3}b_{0} & k_{y}^{2}(1-c_{0})+c_{0} & k_{y}k_{3}(1-c_{0})-k_{x}b_{0} \\ k_{x}k_{3}(1-c_{0})-k_{y}b_{0} & k_{y}k_{3}(1-c_{0})+k_{x}b_{0} & k_{3}^{2}(1-c_{0})+c_{0} \end{cases}$$

$$P_{(4,1,1)}30 = \begin{bmatrix} 1 - \epsilon_{30} + \epsilon_{30} & 1 - \epsilon_{30} - \epsilon_{30} & 1 - \epsilon_{30} + \epsilon_{30} \\ 1 - \epsilon_{30} + \epsilon_{30} & 1 - \epsilon_{30} + \epsilon_{30} & 1 - \epsilon_{30} - \epsilon_{30} \\ 1 - \epsilon_{30} - \epsilon_{30} & 1 - \epsilon_{30} + \epsilon_{30} & 1 - \epsilon_{30} + \epsilon_{30} \end{bmatrix}$$

$$P_{2} = \begin{bmatrix} 1 & \frac{1-\sqrt{3}}{2} & \frac{3-\sqrt{3}}{2} \\ \frac{3-\sqrt{3}}{2} & 1 & \frac{1-\sqrt{3}}{2} \\ \frac{1-\sqrt{3}}{2} & \frac{3-\sqrt{3}}{2} & 1 \end{bmatrix} \begin{bmatrix} -1 & 1 & 1 \\ 1 & -1 & 1 \\ 1 & -1 & 1 \\ 1 & 3 \end{bmatrix}$$

$$0 = x \cos^{3} \left( \frac{R_{11} + R_{22} + R_{33} - 1}{2} \right)$$

$$k_{3} = \frac{R_{32} - R_{23}}{2 s_0}$$
,  $k_{3} = \frac{R_{13} - R_{31}}{2 s_0}$ ,  $k_{3} = \frac{R_{21} - R_{12}}{2 s_0}$ 

$$R = \begin{bmatrix} 0 & 0 & 1 \\ 1 & 0 & 0 \\ 0 & 1 & 0 \end{bmatrix} = 0 = \cos^{2}\left(\frac{0 + 0 + 0 - 1}{2}\right) = 120^{\circ}$$

$$K = \begin{bmatrix} k_{31} \\ k_{4} \end{bmatrix} = \begin{bmatrix} \frac{1}{2 \text{ sam}(120^{\circ})} \\ \frac{1}{2 \text{ sem}(120^{\circ})} \end{bmatrix}$$

$$\frac{1}{2 \text{ sam}(120^{\circ})}$$