Date

Fahmi Fahgur Rozi

0

0

9

2005/397060/Managemen Informativa 2020 B

• Translag;
$$\left(\frac{-4}{2}\right)$$
 $A \left(\frac{x'}{y'}\right) = \frac{3}{1} + \frac{-4}{2} = \frac{-1}{3}$

$$\frac{B}{\left(\frac{x'}{y'}\right)} = \frac{B}{2} + \frac{-4}{2} = \frac{2}{4}$$

$$\frac{C}{(\frac{x'}{y'})} = \frac{7}{4} + \frac{-4}{2} = \frac{3}{6}$$

$$\int \left(\frac{x'}{y'}\right) = \frac{2}{5} + \frac{-4}{2} = \frac{-2}{7}$$

· Rotasi 65°

$$\frac{\left(\begin{array}{ccc} \cos 65^{\circ} & -\sin 65^{\circ} \\ \sin 65^{\circ} & \cos 65^{\circ} \end{array}\right) \cdot \left(\begin{array}{ccc} 6/4 & -6/9 \\ 0/9 & 0/4 \end{array}\right)}{\left(\begin{array}{ccc} \cos 65^{\circ} \end{array}\right) \cdot \left(\begin{array}{ccc} 6/4 & -6/9 \\ 0/9 & 0/4 \end{array}\right)}$$

$$A\left(\frac{x'}{y'}\right) = \begin{pmatrix} 0.14 & -0.9 \\ 0.19 & 0.4 \end{pmatrix} \begin{pmatrix} \frac{3}{1} \end{pmatrix} = \frac{1.72 - 0.9}{2.77 + 0.4} = \frac{0.3}{3.11}$$

$$\frac{B(x^1)}{y^1} = \left(\frac{0.4}{0.9} - \frac{0.9}{0.4}\right) \left(\frac{6}{2}\right) = \frac{2.14}{5.4} - \frac{1.8}{0.8} = \frac{0.6}{6.2}$$

$$\left(\frac{x'}{y'}\right) = \left(\frac{0.4}{0.9} - \frac{-0.9}{0.4}\right) \left(\frac{7}{4}\right) = \frac{2.8}{6.3} + \frac{3.6}{1.6} = \frac{-0.8}{7.9}$$

$$\frac{D\left(\frac{x^{1}}{y^{1}}\right) = \begin{pmatrix} 0.4 & -0.9 \\ 0.9 & 0.4 \end{pmatrix} \begin{pmatrix} 2 \\ 5 \end{pmatrix} = \frac{0.18 - 4.15}{118 + 2} = \frac{-3.75}{3.18}$$

• Skala
$$\left(\frac{2}{6}, \frac{0}{3}\right)$$
, titik posat $\left(\frac{a}{b}\right) = \left(\frac{6}{2}\right)$ $\left(\frac{x'}{y'}\right) = \left(\frac{2}{0}, \frac{0}{3}\right) \left(\frac{x-a}{y-b}\right) + \left(\frac{a}{b}\right)$

$$A\left(\frac{x}{y'}\right) = \left(\frac{2}{0} \frac{0}{3}\right)\left(\frac{3}{1} - \frac{6}{2}\right) + \left(\frac{6}{2}\right)$$

$$C\left(\frac{x'}{y'}\right) = \left(\frac{2}{0} \frac{0}{3}\right)\left(\frac{2}{5} - \frac{6}{2}\right) + \frac{6}{2}$$

$$= \begin{pmatrix} 2 & 0 \\ \hline 2 & 3 \end{pmatrix} \begin{pmatrix} -3 \\ \hline 2 \end{pmatrix} + \begin{pmatrix} 6 \\ \hline 2 \end{pmatrix}$$

$$= \begin{pmatrix} 2 & 0 \\ \hline 2 & 3 \end{pmatrix} \begin{pmatrix} -4 \\ \hline 3 \end{pmatrix} + \begin{pmatrix} 6 \\ \hline 3 \end{pmatrix}$$

$$\frac{8(\frac{x'}{y'})^{2}(\frac{2}{6}\frac{0}{3})(\frac{6}{2}-\frac{6}{2})+\frac{6}{2}}{7(\frac{x'}{y'})^{2}(\frac{2}{0}\frac{0}{3})(\frac{7}{4}-\frac{6}{2})+\frac{6}{2}}$$

$$= \left(\frac{2}{6}, \frac{0}{3}\right) \left(\frac{0}{0}\right) + \frac{6}{2} = \frac{2}{2}$$

$$= \left(\frac{2}{6}, \frac{0}{3}\right) \left(\frac{1}{2}\right) + \frac{6}{2}$$

$$= \left(\frac{2}{1}\right) + \frac{6}{2} = \frac{8}{2}$$

$$=\left(\frac{2}{6}\right)+\frac{6}{2}=\frac{8}{8}$$