[\$5.6.4]

| Each m/milestrike M>1

|
$$\hat{x}$$
 | \hat{y} |

a)
$$F^{0k}(x) = F(F(F(\dots, (F(x)))))$$
 $k \neq x$
 $x \neq x \neq f.f. \text{ for } F \Rightarrow x \neq x \neq f.f. \text{ for } F^{0k}(x) = x$
 $F^{0k}(x) = x$?

 $F^{0k}(x) = F^{0k-1}(f(x)) = F^{0(k-1)}(x) = \dots = F(x) = x$

b) We For(x) = X

Vis:
$$f^{\circ k}(f(x)) = f(x)$$

$$f^{\circ k}(f(x)) = f^{\circ k}(x) = f^{\circ k}(x) = f(x)$$

X

a) \(\pm\) undes all filspunkt for \(\phi\) derson \(\times\) er af filspunkt for \(\phi\)

$$x : F^{ol}(x) = X$$
 \Rightarrow $F(x) = X$

$$F(x) : F^{ol}(F(x)) = F(x)$$

$$\frac{\mathcal{U}_{1} \cdot 2008}{3} \quad A = \begin{pmatrix} 1.1 & -0.2 \\ 0.1 & 0.1 \end{pmatrix} \qquad \frac{1}{1} = \begin{pmatrix} 7 \\ 1 \end{pmatrix} \quad \sqrt{7} = \begin{pmatrix} 7 \\ 1 \end{pmatrix} \\
\lambda_{1} = 0.9 \quad \sqrt{7} = \begin{pmatrix} 7 \\ 1 \end{pmatrix} \quad \sqrt{2} \quad \sqrt{2} \\
\lambda_{2} = 0.9 \quad \sqrt{7} = \begin{pmatrix} 1 \\ 1 \end{pmatrix} \quad \sqrt{2} \quad \sqrt{2} \\
\lambda_{3} = 0.9 \quad \sqrt{7} = \begin{pmatrix} 1 \\ 1 \end{pmatrix} \quad \sqrt{2} \quad \sqrt{2} \\
\lambda_{4} = 0.9 \quad \sqrt{7} = \begin{pmatrix} 1 \\ 1 \end{pmatrix} \quad \sqrt{2} \quad \sqrt{2} \\
\lambda_{5} = 1000 \quad \sqrt{2} \quad \sqrt{2} = \begin{pmatrix} 1 \\ 1 \end{pmatrix} \quad \sqrt{2} \quad \sqrt{2} \\
\lambda_{1} = 1 \quad \sqrt{2} \quad \sqrt{2} \quad \sqrt{2} \\
\lambda_{1} = 1 \quad \sqrt{2} \quad \sqrt{2} \quad \sqrt{2} \quad \sqrt{2} \\
\lambda_{1} = 1 \quad \sqrt{2} \quad$$

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