

for i in range (100): x= f(x)

det \$(x); vetur (1/2) mpsin(2x) + mppil4

import rungy as up

A = \[\begin{array}{c} 1 & 1 & 0 \\ 0 & 0 & 1 \end{array} \]

 $D = (1-\lambda) \begin{vmatrix} 1-\lambda & 1 \\ 0 & 1-\lambda \end{vmatrix} - 1 \begin{vmatrix} 0 & 1 \\ 0 & 1-\lambda \end{vmatrix} = (1-\lambda)^{3}$

 $x_1=0$ $x_2=0 \Rightarrow 5$ [8] siden matrisen kun hav en egenvellor ex $x_1=0$ dan ikke diagnoliserbon ikke diagnoliserbon

Degiort 800

(a)
$$\frac{1}{5} \cos(20)\cos(0) d0 = \frac{1}{5} \cos(0 - 2) \sin(0)\cos(0) = \frac{1}{5} \sin(0 - 2) (\cos(0)) = \frac{1}{5} \cos(0 -$$

 $\frac{1}{2}(1+\frac{1}{2})=\frac{1}{2},\frac{3}{2}=\frac{3}{4}$