

$$\frac{1}{1} = \frac{1}{1} = \frac{1}{2}$$

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 $\begin{cases}
\delta(x) = \cos^2(\frac{x}{2}) \\
\delta(x) = \frac{1}{2} + \frac{\cos(i\cdot\frac{x}{2})}{2} = \frac{1}{2} + \frac{\cos(x)}{2}
\end{cases}$

 $\frac{1 + \cos(\lambda)}{7} = \frac{1 + \sum_{n=0}^{\infty} (1)^n \frac{x^n}{(n)!}}{7} = \frac{1}{2} + \sum_{n=0}^{\infty} (1)^n \frac{x^n}{7(2n)!}$

$$D = (1-\lambda) \begin{vmatrix} 14-\lambda & 2 \\ 6 & 4-\lambda \end{vmatrix} + 2 \begin{vmatrix} 3 & 2 \\ 5 & 4-\lambda \end{vmatrix}$$

$$D = (1-\lambda) (\lambda^2 - 8\lambda + 16 - 12) + 2(12 - 3\lambda - 10)$$

$$D = (1-\lambda) (\lambda^2 - 8\lambda + 4) - 2(-3\lambda + 2)$$

$$D = \lambda^2 - 8\lambda + 4 - \lambda^3 + 8\lambda^2 - 4\lambda + 6\lambda - 4 = -\lambda^3 + 9\lambda^2 - 6\lambda = -\lambda (\lambda^2 - 9\lambda + 6) = 0$$

$$\lambda = 0$$

 $\sqrt{=2\pi}\left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\ 0 \\ 0 \end{array}\right) = 2\pi \cdot \left(\begin{array}{c} 1 \\$

8 f(x)= x2 5(x)= xx

1= 92 \92-4167 = 92 \577

für 3 egenvektor som sips at matrisen er diegonalisaba