y(x)= c1 \(\sigma \) e = -_ \(C_2 \) \(\sigma \) \(\sigma \) \(- 2 \) \(C_2 \) \(\sigma \) \(\sigma \) \(\sigma \) \(- 2 \) \(C_2 \) \(\sigma \) \(\

4) a)
$$X(x) = C12^{5x} + C22^{5x}$$

$$A = \begin{pmatrix} 1 & 4\sqrt{5} \\ 1 & 4\sqrt{5} \end{pmatrix} = \begin{pmatrix} 1 & 4\sqrt{5} \\ 1 & 5 \end{pmatrix} = \begin{pmatrix} 1 & 4\sqrt{5} \\ 5 & 5$$