

Unit 7: Matrices

1. Encode the message [2,3] using the matrix

$$A = \begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$$

Multiply to find the encoded vector.

2. Solve the system using matrices:

$$\begin{aligned} x + y &= 7 \\ 2x - y &= 4 \end{aligned}$$