

Morning Session

Date: 15-July-2020

Course: - Coursera Mathematics
for Machine Learning: Linear
Algebra

Sindhu . S
AA1211049
4th Sem. A Sec

- Matrices in Linear Algebra: Objects that operate on Vectors

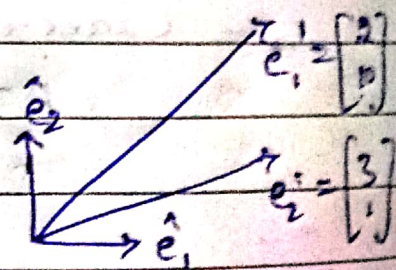
→ Introduction to Matrices

- Matrices, Vectors and solving Simultaneous Equation problems

$$\begin{aligned} 2a + 3b &= 8 \\ 10a + 1b &= 13 \end{aligned} \quad \begin{bmatrix} 2 & 3 \\ 10 & 1 \end{bmatrix} \begin{bmatrix} a \\ b \end{bmatrix} = \begin{bmatrix} 8 \\ 13 \end{bmatrix} \quad \begin{bmatrix} 2 & 3 \\ 10 & 1 \end{bmatrix} \begin{bmatrix} 1 \\ 0 \end{bmatrix} = \begin{bmatrix} 2 \\ 10 \end{bmatrix}$$

$$\begin{bmatrix} 2a + 3b \\ 10a + 1b \end{bmatrix} = \begin{bmatrix} 8 \\ 13 \end{bmatrix}$$

- How matrices transform space
- Types of Matrix transformation
- Composition @ Combination of Matrix transformation
- Matrix inverses:



- Solving the apples & bananas and
eliminations problems.
→ going from gaussian elimination
Matrix

$$A^{-1}A = I$$

• Special matrices and coding up
Some matrix operations

→ Determinants and inverses

→ identifying special matrices.

Afternoon Session

9014-2020

salesforce

Sindhu S

4A118EC049

Trailblazer Community groups.

→ Meet trailblazers like you
learned objects

- Find trailblazer community groups

- Explain the value of attending trailblazer community group meetings

- Start a trailblazer community group

Empower the next generation of trailblazers

learned topics

→ what a salesforce student group is

→ help student groups near you

→ start a student group.

Staff members

@ faculty @

any student

Discover community conferences

learned objects in this unit.

- what a trailblazer community conferences is
 - a trailblazer community conference near you to find.
- Community conferences are hosted and organized by customers.