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Notes

Work to do

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• Eigen values and Eigen vectors:

$$Ax = Lx$$

$$(A - I)x = 0$$

$$\det(A - \lambda I) = 0$$

$$A = \begin{bmatrix} a & b \\ c & d \end{bmatrix}$$

$$\det \begin{bmatrix} (a \ b) \\ (c \ d) \end{bmatrix} - \begin{bmatrix} (\lambda \ 0) \\ (0 \ \lambda) \end{bmatrix} = 0$$

$$\lambda^2 - (a+d)\lambda + ad - bc = 0$$

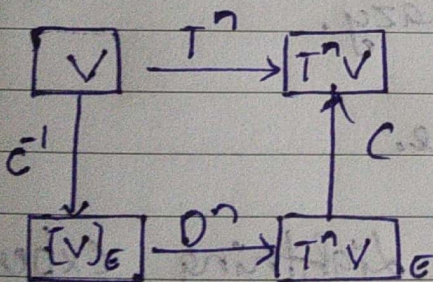
$$V_1 = T V_0$$

$$V_n = T^n V_0$$

where $C = \begin{pmatrix} x_1 & x_2 & x_3 \\ \vdots & \vdots & \vdots \\ \vdots & \vdots & \vdots \end{pmatrix}$ $D = \begin{pmatrix} \lambda_1 & 0 & 0 \\ 0 & \lambda_2 & 0 \\ 0 & 0 & \lambda_3 \end{pmatrix}$ $T = \begin{pmatrix} a^n & 0 & 0 \\ 0 & b^n & 0 \\ 0 & 0 & c^n \end{pmatrix}$

$$T = CDC^{-1}$$

$$T^2 = CDC^{-1}CDC^{-1}$$



$$\Rightarrow T = \begin{pmatrix} 1 & 1 \\ 0 & 2 \end{pmatrix} \quad C = \begin{pmatrix} 1 & 1 \\ 0 & 1 \end{pmatrix} \quad C^{-1} = \begin{pmatrix} 1 & -1 \\ 0 & 1 \end{pmatrix}$$

$$T = CDC^{-1}$$

$$O = \begin{pmatrix} 1 & 3 \\ 0 & 4 \end{pmatrix}$$

Salesforce:

→ Add New Users:

- Describe a user account and the type of information.
- Add a single user or multiple users.
- Use the Salesforce mobile app to manage users on the go.

• Understand the Impact of Unconscious Bias on Employee Performance.

- Identify and unconscious bias.
- Describe the impact of unconscious bias.

• Recognize Bias in the Workplace:

Bias at Work:

- Men are better leaders.
- Black women are 'angry'.
- Women are all on the 'money track'.
- Latino men are lazy.

• CRM for Lightning Experience:

• Accounts and Contacts for Lightning Experience.

• Leads and Opportunities for Lightning Experience.

• Reports and Dashboards for Lightning Experience.

• Chatter Administration for Lightning Experience.