

Max Mehkarikar Attendance Quiz

$$\text{STS}([\![0.2, 0.8], [0.4, 0.6]\!]]);$$

$$\begin{bmatrix} x(t) \\ y(t) \end{bmatrix} = \begin{bmatrix} 0.2 & 0.8 \\ 0.4 & 0.6 \end{bmatrix} \begin{bmatrix} x(t-1) \\ y(t-1) \end{bmatrix}$$

$$x(t) = 0.2x(t-1) + 0.8y(t-1)$$

$$y(t) = 0.4x(t-1) + 0.6y(t-1)$$

Attendance question 1 - Who was the postdoc at Los Alamos national laboratory who went on to experiment with the logistic equation?

Attendance question 2 - What journal published the seminal paper, who was the editor, how old is he now?

$$n := \text{noPs}(P)$$

↳ length of list / # of entries

$$(n=2)$$

$$\text{var} := \left\{ \text{seq}(x[i], i=1..n) \right\}; \quad P = [x_1 \dots x_n]$$

↓
set ↳ var = {x[1], x[2], ... x[n]};

$$\text{Eigenvector}(\text{Transpose}(P))[1]$$

$$x_j = \sum_{i=1}^n P_{ij} x_i$$