

Attendance Q: Was professor Dey, father of Sergey Bryn proud of his son?
He was initially mad because Sergey dropped out of his PhD but
after Sergey became successful they made up

↳ Steady State Vector

$$\vec{w}(\infty) = P \cdot \vec{w}(\infty)$$

$$P\vec{v} = \lambda\vec{v}$$

Attendance find

$$P = \text{Matrix} \left(\begin{bmatrix} 0.4 & 0.5 & 0.1 \\ 0.2 & 0.7 & 0.17 \\ 0.6 & 0.3 & 0.17 \end{bmatrix} \right)$$

evalm (P^{1000})

SplitForm, StronglyConnectedBlocks, SubMatrix, SubVector, SumBasis, SylvesterMatrix, SylvesterSolve, ToeplitzMatrix, Trace, Transpose, TridiagonalForm, UnitVector, VandermondeMatrix, VectorAdd, VectorMatrixMultiply, VectorNorm, VectorScalarMultiply, ZeroMatrix, ZeroVector, Zip]

> #Hrudai Battini Attendance quiz 6

```
P := Matrix([[0.4, 0.5, 0.1], [0.2, 0.7, 0.1], [0.6, 0.3, 0.1]]);
```

```
evalm(P1000)
```

$$P := \begin{bmatrix} 0.4 & 0.5 & 0.1 \\ 0.2 & 0.7 & 0.1 \\ 0.6 & 0.3 & 0.1 \end{bmatrix}$$

$$\begin{bmatrix} 0.3000000000000003 & 0.6000000000000006 & 0.1000000000000001 \\ 0.3000000000000003 & 0.6000000000000006 & 0.1000000000000001 \\ 0.3000000000000003 & 0.6000000000000006 & 0.1000000000000001 \end{bmatrix}$$

Editable Maple Default Profile



ALIENWAR