Ping TRANSMION PROBADILITIES

$$\begin{bmatrix}
P_{i}(t) \\
P_{i}(t-1)
\end{bmatrix}$$

$$= M \cdot \begin{bmatrix}
P_{i}(t-1) \\
\vdots \\
P_{i}(t-1)
\end{bmatrix}$$

$$= M_{i}(t-1)$$

$$= M_{i}(t-1)$$

$$= M_{i}(t-1)$$

$$= M_{i}(t-1)$$

$$= M_{i}(t-1)$$

$$= M_{i}(t-1)$$

MEAN FIRST PASIAGE TIME FROM i TO j