

Console

AT=

$$\begin{matrix} 3. & 0. & 3. \\ 0. & 3. & 3. \end{matrix}$$

A=

$$\begin{matrix} 3. & 0. \\ 0. & 3. \\ 3. & 3. \end{matrix}$$

AT*A=

$$\begin{matrix} 18. & 9. \\ 9. & 18. \end{matrix}$$

Inverse of AT*A=

$$\begin{matrix} 0.0740741 & -0.0370370 \\ -0.0370370 & 0.0740741 \end{matrix}$$

Moore-Penrose Generalized Inverse of A=

$$\begin{matrix} 0.2222222 & -0.1111111 & 0.1111111 \\ -0.1111111 & 0.2222222 & 0.1111111 \end{matrix}$$