

Console

$A^T =$

3. 0. 3.
0. 3. 3.

$A =$

3. 0.
0. 3.
3. 3.

$A^T A =$

18. 9.
9. 18.

Inverse of $A^T A =$

0.0740741 - 0.0370370
- 0.0370370 0.0740741

Moore-Penrose Generalized Inverse of $A =$

0.2222222 - 0.1111111 0.1111111
- 0.1111111 0.2222222 0.1111111