Linear Algebra Summary Notes

Compiled from Victor Tan's notes by Sun Yudong ${\it April~17,~2016}$

1 Matrix and Associated Terminologies

Square Matrix | Non-square matrix

Linear Transformation

Row-Echolon Forms

Row and Column Space

Nullspace

Rank, Nullity

Transpose

Determinant

Inverse

Eigenvalue/ Eigenvector/

Char. Eqn