

Notation	CSC & CSR Sparse formats	Eigenvalues
What is a matrix	Neumann series	Variable Elimination = LU
Matrix structure	Richardson method	LU with pivoting
Toeplitz	Richardson for SPD	Variable elimination for least squares
Hankel	Norms	QR
Sparse	Convex functions	Givens
Symm pos def	Steepest Descent	
Orthogonal	Gauss-Seidel	
M matrix	Jacobi	
Triangular	Gauss-Seidel =	
Hessenberg	Coordinate Descent	
Coordinate format	Power method	

Questions

How many problems?

What forms? (Choice, Proof, Computation?)

Eigenvalues with two equivalent magnitudes

What happens to y_{0_1} and y_{0_2} ?