X'AXZO VXER" = Positive semi definite

- 1. Say N: is an eigenvalue of A, then there exists V: EIR as A's eigenvector s.t. A V; = X; V;
- 2. Given definition of positive semi-definite. $V_i \setminus A V_i = \lambda_i V_i^T J_i \geq 0$ "," V; TV; ≥ 0 & V; ∈ R"