First Idea to compute A-1: - Compuk A . then invert A to get to AT (In R: 501xe) · Small data sets => OK => Not possible for longe data sals Simple structure of AT was aliscovered by Henderson who developed simple rules of computing Addirectly, that means without first computing A. The rules of computing A are based on properties of A and A. · From Linear Algebra it is known that symmetric matrices can be obecomposed into a product of three-factors: - A = L.D. L.T where L is lower triangular matrix => and ) is a diagonal