ADAT it ADAT is series, so is A DA

x T(ADAT) x 2 0 then it is serie defente positive Y = A X -> Since Dis servis positive x^T(A^rDA) x > 0 \(\frac{1}{2}\) A \(\frac{1}{2}\) DA \(\frac{1}{2}\) Sen: position we use B it m is smaller than a significanty Since Bina mxm matrix, it n is matrices A à D as this will be mae smalle. memory etticient.