2019/10/12 - Quadratic Form from the previous equation, there was WXXV. XX is a square matrix, and make it as A. Then, WAW = WXTXW => we call it as "quadratic Form" Trou vector x Square x colon ", Practice Calculate :+! X= x2 A= a21 a22 a23 - a31 a32 a33 -1 ×3 3×3 => 1×3 ×3×1 = 1×1 = [a11x1 + a21x2 + a31x3, a11x1 + a22x2 + a2x3, a13x1 + a23x2 + a3x3] $= (\alpha_{11}x_1 + \alpha_{21}x_2 + \alpha_{31}x_3) \times (\alpha_{12}x_1 + \alpha_{32}x_3 + \alpha_{32}x_3) \times (\alpha_{12}x_1 + \alpha_{12}x_3 + \alpha_{12}x_3) \times (\alpha_{12}x_1 + \alpha_{12}x_3 + \alpha_{$