

elementary linear algebra - number theory - chapter 1 linear equations 1.1 introduction to linear equations a linear equation in n unknowns x_1, x_2, \dots, x_n is an equation of the form $a_1x_1 + a_2x_2 + \dots + a_nx_n = b$, where a_1, a_2, \dots, a_n, b are given real numbers. for example, with x and y instead of x_1 and x_2 , the linear equation $2x+3y = 6$ describes the line passing through the points $(3, 0)$ and $(0, 2)$.

linear equations and matrices - 115 chapter 3 linear equations and matrices in this chapter we introduce matrices via the theory of simultaneous linear equations. this method has the advantage of leading in a natural way to the

linear algebra - joshua - advice.

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