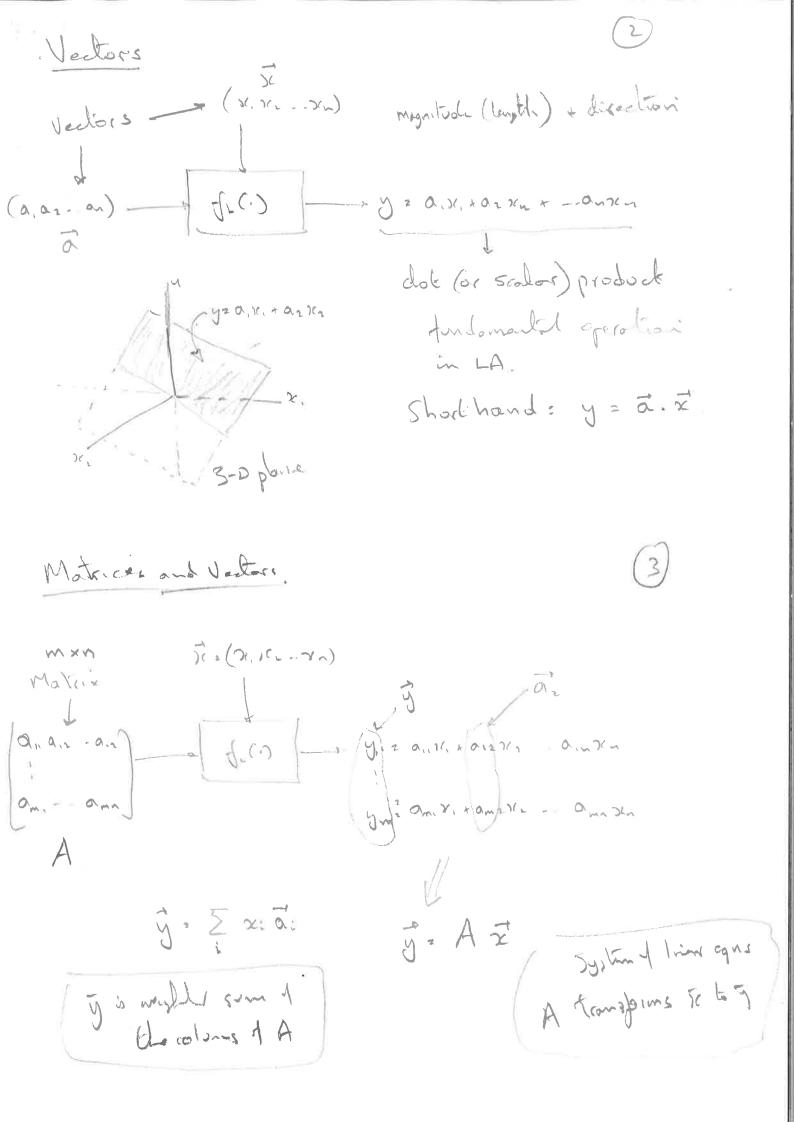
Linear Algebra - Introduction hinear functions (or Linear Mappings).

\*\*Mops or to y using (.c.) "

\*\*Mops or to y using (.c.) " 0 - d grass = p drows 0 - a (1/1) - D 2 a (b)(+ e2) 2 b f\_((1) + c f\_((2)). 13 Coally livery. Son 1 d davt. Tuelocky y & f(x) + for, (2=x-)+ ?. Linear modela - simple at useful Taylor Siner



Matrices and Motrices A a .. a .. a .. a api apm Capixint aprilia - (apixint - apmixin) p×n Y 2 AX matrix x matrix - + matrix Interpretation and Representation. y = Zoix: line-robusto y x; with coefficients as y = 0,50 y = 3.7 y - dot product of 2 2 2 5 - 5 - linear combination of the columns of A with weight x. J 2 A 72 4 2 AX A temporar & E & J. It is the solute to set of Linear Equations

Questions and Topics what so are so dealing wild 9 = 2 . 52 all in N-D? a subset? It 5 = A 56 the litter whit don't till is about J? - rector spaces Y 2 AX If we can with 51 2 6, 4, + 6, 1/2, say, for all vectors, then ATEZ C. AUx Ca AUx Atronspondes conte with or What projection of Lived combinets of knowlaker A com we Moron short what tempt of II, and III. de they represent ? Do Whee do in it is come the underlying systems from ! fropties? Best of equs have solitions? ic. Bouis Ax the transformers han 50 6 5 invertibles (Matrices & Matrix Inserce) tor a given A, do some The form is a special of the special O vectors 50 st Ax=2x? (Eigenvolver & Eigenvolor) what does to represent?

Example -3712 2 -3 D1, 12 22 2 2 2 1 2 2 2 2 Transport Egonreler [2] [] 2 3[]

1 2 2 3 - (3) 3 - (3) 3 - (3)

A