Ch2 Definitions

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· Pefinition 2.10 Linear Combinations

· a vector in form

$$\overrightarrow{W} = C_1 \overrightarrow{V_1} + C_2 \overrightarrow{V_2} + \cdots + C_n \overrightarrow{V_n}$$

(where c1, -,, cn are scalours called coefficients of linear combination)

· Detinition 2.11 Spon of vectors

Definition 2.12 GEOMETRIC definition of linear dependence and independence

· For at least one i => Linear dependent.

Definition 2.13 ALGEBRAIC definition of linear departence

· Non-trivial solution to => Linear dependent