Proof: We take a fred ordered basis & = & v., v. 3 for W.
and a fileral ordered have \$ = 26, won & for W.
Let T be any linear transformation in L(V, W). Then we can find the motion of T with respect to the
we can find the motion of I with respect to the
we can find the motive of I with respect to the sure a and B, let us call it # [] k-B
The mapping of: 1(V,W) -> F me which takes a linear
The mapping of: L(v,w) -> F more which takes a linear transformation I to its matrix [I] as is an isomorphism
transformation is matrix [1] 4-8 is an isomorphit