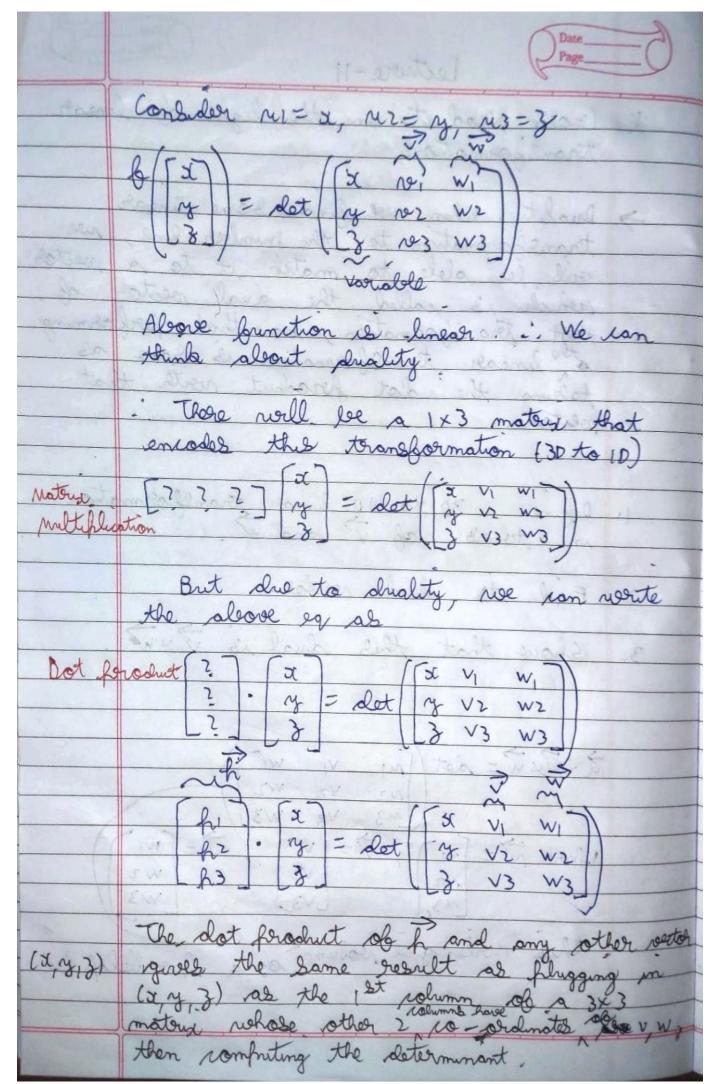
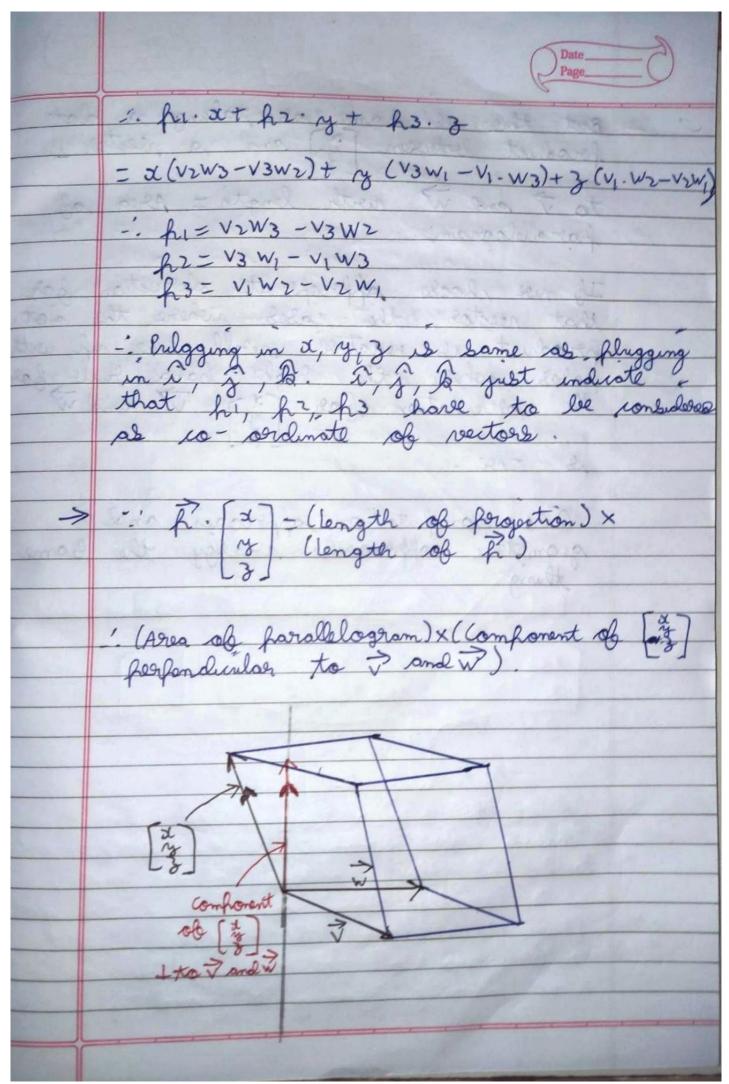
	Lectrore-11
*	Grass products in the light of linear
	transformations
->	Duality: When we find some linear
	teransformation to the number line, use
	north le solled the sheal vector of
The man	that transformation, so that ferforming
. 100	the linear transformation is some as
	taking the dot product with that
40	polition.
(0)	DITE! interior prost, all lines
1,	Define a 30 to 10 linear transformation in toumb of V and W
	in tooms of vand w
2.	Eind its dual rector.
	The state of the s
3.	Show that this dual is VXW.
	THE WILLIAM STATES OF THE STAT
	E EM EN DISTRICT TO THE STATE OF THE STATE O
	> >> > 1 -> \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	mx Jx w = det [my vi wi]
	(m3 V3 W3)
	where $\vec{n} = \lceil m \rceil$, $\vec{v} = \lceil m \rceil$
	where he - has very well well well
	[M3] [V3] [W3]
observate	TD.0 0.000
	This will give volume as a farallelophed
5	e a la maries de la company de
and the	
	transmitted and ambiguest with





But the is same as taking a foroduct between [x] and a rest to I and w with length = parallelagram If we choose afferdriste direction for that rector, the rasas where the slot. product is negative will line up with rases where the right hand rule for the orientation for [x], I and it No -10€ geometric offerout verify the same