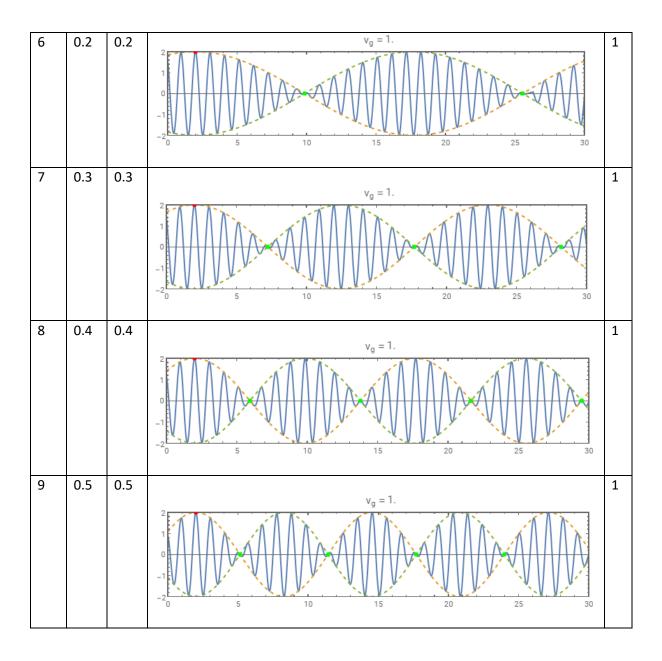
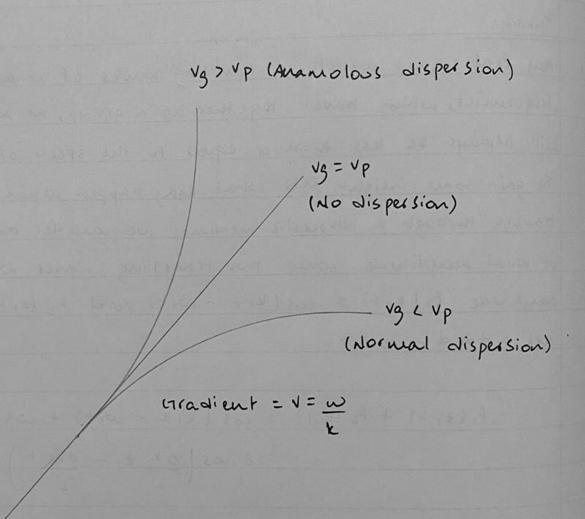
Teacher's Signature _

S. No.	Δω	Δk	Wave pattern of the resultant waves	Vg
1	0.02	0.02	$v_g = 1$.	1
			2 1 0 -1 -2 0 5 10 15 20 25 30	
2	0.04	0.04	$v_g = 1$.	1
			2 1 0 -1 -2 0 5 10 15 20 25 30	
3	0.06	0.06	$v_g = 1$.	1
			2 1 0 -1 -2 0 5 10 15 20 25 30	
4	0.08	0.08	$v_g = 1$.	1
			2 1 0 -1 -2 0 5 10 15 20 25 30	
5	0.1	0.1	$v_g = 1$.	1
			2 1 0 -1 -2 0 5 10 15 20 25 30	







k

Fig 5.1. Dispersion relation Lurve

Expt. No	Page No.	15
In ference	25:	
1. The a	ware patterns for different on and ok are not t	ne
	L because up is different.	
	es not depend on Dw and Dk, but instead depends of	n
vi a	and k. This means that the phase relocity depend	اد
	the average frequencies and wave numbers lather	
	hange in those parameters.	
3. 1p i	s equal to vg when $w_1 = k_1$ $w_2 k_2$	
	W _L K _L	
4. mage	e in Fig 5.1	
	Teacher's Signature	