Lecture 6: Wednesday, June 3,	Density Fur	ectional Theo	ory		
- Introd.	ce a fic	ld Jrn			
			6		
- Derive a determin	र् रहिता	>' '			
る。こす了	= zo Sdr	1N -321(1)	- Sar Jungan		
	3A	CJ]_			
If J	- e S-r) = 0, fh	s is the	equil. easenbl	2	
- 8	lg ZcCJ)	= 1 2	(don gir) e	. pu(r) - (dr Jan	£(-)
A	(Jan	tc	1 84517	,	
		= < 3(1)	J = B SACI)		
			B=1 from L	R 40	
Assam	the relati	in 6/4 Ja	a) LECO) is	invertible	
IF w	know (g	(n) we	un colculate.	T(-)	
Higher d	Lrivatives g	is higher	monents of	the desp.	

Laterations are settlected in the torn H His coefficient - Stability of the homogeneous phase can be assessed - Now we use FT to colculate flis guadratic coefficient Model A/ Edwers rodel: N BU = = = 1 2 252 / 5;5 - 5;54/2 1321, = 40 Sar(g(r))2 Ux H-5 transforms; w/ the field Jiri ZC5]-20 Sdr" 2 1 - Su, -3u, - Sar Janjan) = 2, SDW e - 4[U, 5] = - 4[J] 74 (u, J] = 24, Sar[w(r)]2-nlg Q[m] Recall Q E m 7 = t Sdr N = M(r) + J(r) = -M(r) - M(r) = -M(r) = -M(r)

