<b>&gt;</b>	4. Exploding Gradient.
	- CAPIDATING
	ht=WTht-1
	$ht_{-1} = W^{T}ht^{-2}$
	$h_1 = W^T ho$
	1 Total
<del></del>	Then ht=(W7)tho
λ.	w.could be decomposed as
	$ A  =  D D^{-1}$
	where D is diagonal matrix of eigenvalues.  P is the eigen vector of w
	Pis the eigen vector of w
1	Then we can wright
	h-t=((PDP7)7) t ho
	$= ((P^{-1})^T D^T P^{-1})^{t} ho$
	- ((P-)TD PT)tho
	= 111 / DP 17 ho
	= (P-1) T D P T (P-1) T D P T ho
	$\alpha s (p-1)T \cdot pT = 1$
	T .
	= (P-1) PEPT ho
	tht = (0-1) total
	The (P) DP
	when t770, if a eigenvalues in DKI, the Dalue in Dt > 0
7	thus vanishing the gradient
	when t770, if a eigenvalues in D<1, the Dalue in D+>0 thus vanishing the gradient  f a eigenvalue in D>1, the value in D+>0, thus  iploding the gradient
4	iplouting the gradient