Problem us of state & K.B)  
is that & need not respect relater!  

$$0 \rightarrow E^* \rightarrow E \rightarrow E' \rightarrow 0$$
  
 $EE) = (E'')I+E'')$   
 $ED)FF] = (EY)FF] + (E)(F)$   
i.e. what  $0 \rightarrow E' \otimes F \rightarrow E \otimes F \rightarrow E' \otimes F \rightarrow 0$   
 $\Rightarrow b = e^{-\alpha \omega}$ .  
i.e. what  $D \Rightarrow E' \otimes F \rightarrow E \otimes F \rightarrow E' \otimes F \rightarrow 0$   
 $\Rightarrow b = e^{-\alpha \omega}$ .  
i.e. what  $Der^{0}(E,F) = 0$   
 $ak$  if  $E' \otimes F \approx fhat$  ( $C = 1, ranh, 1$   
 $1 \circ c.he)$   
Actually shows: K.(D) is a K'D module.  
Useful frontone I K.(D) is that it has  
'fundamental cycles'' it schedures  
 $Z = X cloud$   $[Z] \in K.(X)$   
 $[0]_Z = [0x/dz]$ 

Consider divisors  
what's the relationship between 
$$Dcx$$
 Cartier  
 $[O_D] \in K(X)$   
 $an [O(D)]^{o}$   
 $add = O(-D) = O(D)^{o}$   
 $add = O(D)^{o$ 

Our vert gal: build a ray map backards  
K(X) - CH(X) us y chan classes.  
we noted here that we can dive  
"total chan classes"  
E/X -> I+C,(E)+C2(E)+...+C,(E) = C(E)  
ub.  
taxe had the property that  

$$C = E^{21} \rightarrow E \rightarrow E^{1} \rightarrow 0$$
  
 $= C(E) = C(E)C(E')$   
 $[E]+[E] - C = C(E)C(E')$   
"standed" yaga to turn this into a y mp  
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Next their we tweak a to sot  
ch: K(X) -> CH(X) 6Q  
rig hom.  
to head fourds Poem. Pich.

BR: complex global sectors if the bundles on cres.  

$$L/\chi$$
 X core.  
 $\Gamma(L)$  in trans if  $dy \perp d$  growty if X  
 $dim H(L) - dim H(L) = dy \perp +1 - g$   
 $X$   $H^{0}(L) = T_{2} \perp$   
 $JT$   $(H'(L) = T_{2} \perp$   
 $Speck$   $C_{1}(L) \in CH'(X) = CH_{0}(X)$   
 $L$   $K(X) \xrightarrow{C_{1}} CH(X) = CH(X)$   $dH = T_{2} \in C(L)$  if  
 $I$   $H(L) = T_{2} \perp$   
 $L$   $K(X) \xrightarrow{C_{1}} CH(X) = CH(X)$   
 $L$   $K(X) \xrightarrow{C_{1}} CH(X) = CH(X)$