Lo 9= galls/4) H1 (9), 8,x)=0 Hi/bat 90 44(9, 45) = Bre Toen Br (k(C))=0 += hay C/8 cmc IK aly word A conplek ACK dyr IK Brkeo 1-1 1 1 -1 1 -1 (chan h)=1 He(A, Ma) ~ Brh [h)

BrAZ(X) X ndene Br(x): = H{+(x,9n) Grathenchuk itale topology ; itale combogy. $H_{it}^{1}(X,S_{h}) = H_{2or}^{2}(X,S_{h}) = Pic(X) = Div(X)$ イートーのサイン Grix 12 いくしなりなりないた O-Picx/A-HE(X,M)-BrX[A)-D

X ryular ütgredsden k (X) = fuchin field 7 B 1/2x2 O→ Smx→inxらかり h = zeherie pt. Vx Kx 05. H2(x, & 2)-> H2(x, G,)-> H2(x, G,)-> B. H2(x, G) @ h1(801,2) The Brx Cs Brklk/

Purity for étale cohomles 4 + L(x, 0xx) Y C X DU=X/Y of track y repular H-(x,/~) -> H2(U,/~)-H3(x,/~) H' (x, m,) ~ h'-ec (y, m) (Way: abber Thurs Obvios 1768 ui Astiriju Illuste, 05 yoza

YCXDU H2(k, ra)- h2(U, ra) - (5) H2(Yi, 7/A) H4(414)24) Mic X -> Pic U Brx [h) - Br U[h) - Br H1 ((1/2),7/14) H2 (814:1), 3/4)

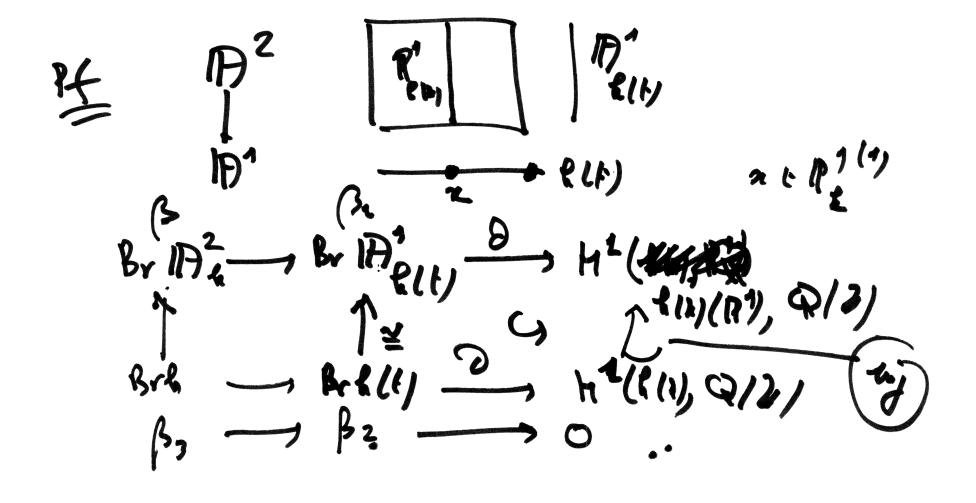
You CX (Yo) O Br (X(Yo) - Br (X(Yo)) - Br (R(Y), 7/4)

builth to K) LEOX The X repuler, mbyril. exceller 0-Brx ACB Brk(K)-100 H 4814,00/2) A ck BrK-> H'a(W,Q/2/)

A CK FI A-A-C-R 61 1 2-7-1-1-11 Br(K) = Br(K, K,)= +2(5, K,) ~++2(5) イコイダー人が、ころの

Contequace of purity is birohinal sirania. /k chak=0 X, Y/k and paj why no h-rungs The. the Brx & Br Y. Bry C Rr kly Brw C Rr kly 12 Brx

1一元~一及(4)~一 $2 \in \mathbb{R}_p^{n-(A)}$ Use + Sen . 0-1 Bre- Bre(1)-10 H2(KW, Q/2)-7 Bre= BrPe - true to any R Bre = BriBe Brd ~ BrAZ clast=0~



C/R mook conic (=) (9,6) Witt 1934 0-12/2(-,b)-1 BrR-1 BC-10 Xy = Conic. X/R mock page. Xx/RCKy Amon Kar X, (k(4)) = 18.
Then exect squar de Ribley

Her exect orquer 10-1 Brk - 18rx - 100 2/2 // (A) 2/2

Unr Unr Ko 1 Ma(0, T, x) -> H (C, K, x) -> 42 (C, 3)

