Last tre: Introduced overted colon. Heres Cohom. prettury A: (Sm/x) - GPyc extra strate: quentation various definitions bightungs fr bid, merghisms chein classes c,(L) (A, w) "overheatly" co = grentation in A Recoll last fore gren (A, w), gives an identification 3 - 0,10(-1) al A(P=) = kISI gren another oventation, wi, then gres now to wing A(IPM) No an 139 -AGHUED AGT) It] = a(t) sur alt : a, t+at? ... 9,6ALPt?

alt)/+ -a+at Pot 1: calculus - l' convision lectre ((t)) Sippose 1(t) + A(pt) Ita (A,w) arested col. thy Prop. 4 refe A (pt) &t)] a unique assignment toly vihades E/x ~> r(E) & A(x) s.t. 1) 1(1) = r (c/6(1)) to (U(E)) 2) your 1:X->4 tun

> 3) r(E)=r(E)r(E2) where O-E-E-E-30 1.es.

~(, fx E)

e) if rithe Alpt) It Da then (E) -1 in ALX)

C+=1+c,++c2 t2+ --

One well operator poshband to cloud makedys. "שקרות הוצקים" × ف ۲ rlt) w $i_{*}^{\omega,r} = i_{*}^{\omega} \cdot r(N) : A(4) \longrightarrow A(4)$ N=Nx/y (ingre rt)=It Hor)
this gres good system. I sysm n-pr. In more generally: if f: 4 -> X is a pay maghon an oct mobble, then f*, A(4) -> A(x) a r(Tx)·f;(a·r'(Ty)) gres a new aventation. Moren : it wis is any after aventation, Hen 3 r(t) st. $f_{\mu,r}^{\omega,r} = f_{\mu}^{\omega}$

Fmalstep: how to get 1? gren a marphism of prefleres $\varphi: A \longrightarrow B$ where A, B are overteel. then let $r(g_B) = g_B/\phi(g_A) \in B(P^{g_A})$ BOTH g_B fdo(28) tdq(E) var constratoralor and in the core tale is involle. $td_{\varphi}(T_{x})' \cdot f_{+}^{\beta}(\varphi(a) \cdot td_{\varphi}(T_{y})) = \varphi(f_{x}^{\lambda}(a))$ or in standa fra for (gla). tdg (Ty)) = p(tha) - tdg (Tx) A(Y) (dity) (P) B(Y)

A(X) HAPPY

A(X) HAP

Ment still:

A bit & classical & theory

Ko, Ki, Kz

High Kither (tollar Cariller's a contector)

roughly follow Sonivers:

Alg. Kity book.

[Fibratus, homotopy times, Les in homogys.]
[Spectral equices aring from exact corples.]

Classical K-thys Grow a schore X

K'X = free (150 lac. free shors)
ses rel

mg via (E) (E) = (E0F) if (D = E) + (E') + (E') = (E) = (E) + (E) = (E) = (E) = (E) + (E) = (E)

A CSA/k by A = Jame A

if by A is squared => Skilts = 0

if by A is squared as Skilts = 0

Consi(Sustin) if A is not squared by famsion

then 7 h/k sit. About has SkilAbout FO

proved if by A = 4

agen in sound P