Kantseach II

K ma-ord. field. 1, 1: K -> R20 la.51= \al |b| (arb) & max (la), (b) non-touls In-pe of 1-1 & {0,23

amplelei. Ex; 3 if |xi| >0.

eg k((H), n/ | \( \frac{1}{270} \) ait | = \( \frac{1}{2^{10}} \) ais \$\( \tau \).

ap, Novskon frel.

Analytic spaces:

e-g. polydisc: r,, -, rn > ).

() (B(0,n) x-- xB(0,n),)

Gher a Frechet algebra

= {\sum\_{igno} c\_{io\_{-}} on \*' - x' \ c\_{i,-i} \ e k,

Y Ocvier, \_ Ochica,

Sup | Ci,--in (r') 1, -- (r') 1,

(O(A)/close) ideal: typical local model of non-Arch space.

& Spec & = () & multiplicatie seni-assis selvered l. la on & w/ sue detides, s.L.

(2) & A > K' want feel K'>K

K linear, of Il like 1x= 1. 11, 6 15' minuel (mage desse)

Spec A Hausdaff locally ourset space, (Beshoviel) K = k((t))So proper share over K.

Thickney of sclere SThe following of sclere Sbe have a sheet of algebras K = k ((+1) 5- prope schene /k. Spec & ke(C+))

Spec & ke(C+)) Sar Suber Divisions "Peynaud theory" Clevers guly diper 27 approximate onesty  $\forall x \in S^{\alpha}(\overline{k})$ L; € Q70 5m; €1. by raplical implexes Ton anythin topius ( www of "Stern modd"in this tyrlogy. G(Tan) - 5 C, -in 8, --- 3, wh Jan (zwam) sup |ci, --in| [] --r" <>> V 4,70, -, Vn >0. R hyltil, by the the sop gués milt. Mui nom. Jung Get sheet of tens. The on Ry (hit consegues on any (any). filter we like "in fect If Convex, our the then a higher cohonology of not, have higher observery. (of nonardy getup)\_

Generalized tors Abratu: X analytic space locally polyhedral. Def: b G B gow if I gam U ~ U'c R" & settenty Rilback of (4) . = x -1 (4) Get GU, Z) × R" meatin on good part. Fuct: if B=1R7= Bgood. then X = Tan

unique ap to mult by 2 (1, 2) -> 3, e32 A-model. manifold -/ Z-affine streture.

1
open dense good

Proposali colo make generaty for, for # of thes, & show date strayer change of roaductes Observator: Say X Calabi-Yan, so snooth + rurner volx noton (onit ever assure andegovate) 70. on B, get Z-affre further snathry like log (volx) るりつるの ハタチャ B' 2 B' K bross on which this function is constant. The Union of all images of all open discs white are of B" = U hyperplanes. Say have  $0 \le |t| < 1$   $u_{11}, u_{1-1}, a \le a_1 < |u_1| < \beta_{1}.$ Mani not ) Near  $|-\xi| < |t| < 1$ ,  $\left| \int_{Cobian} \frac{d \log z_i}{d \log u_i} \right| = 1$ .  $\left| \int_{Cobian} \frac{d^2 u_i}{d u_i} \right| = 1$ fix u; get fan. F(1) no poles. on unit disc; looks like lett) = 1 mea berly. By rende thosen, it is impossible

In putular, gt exutine of wells. Outside it wells, shall get well-dothal foliage ators

I dea: Not out lises of all, but construct change of coods, sheetly; unt to cart cylindes, I gree dready S -> x -/ cut p's. duage of mage of B Tutl Cap by gluing smothing on the autient Court have no note of peril bushy, goes while she cylinder form

Court have no bushy, ble IP's cannot be on wells?? (when ghe, have paradice)

asul use GW mount; bit by just usly, (F. Pose: 58th its anech) a get well-defined well-cossing streeting finite characterist. & wir intrache of B-mile (+ Y- Soibelnan,) mut, under Consider  $2, 2_2 = 1 + 2_3$ ,  $2_3 \neq 0$ .  $u(2_3 - 2_4) = 1$ . defendy  $\rightarrow get X^{an} \cdot \rightarrow \mathbb{R}^3$ (7., 72, 73) (0, log (7)) and (10, log (7)) mayers homes, to R2, so can project.

