Facts (Etzle cohomology of a field) Egotats

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Gen (For) Small

Shu (Fot) - Discrete

G-Sols

L=Tili

13.55 Liff sup. ext. Shulfird

Shulfird

Cows: noth tru. L

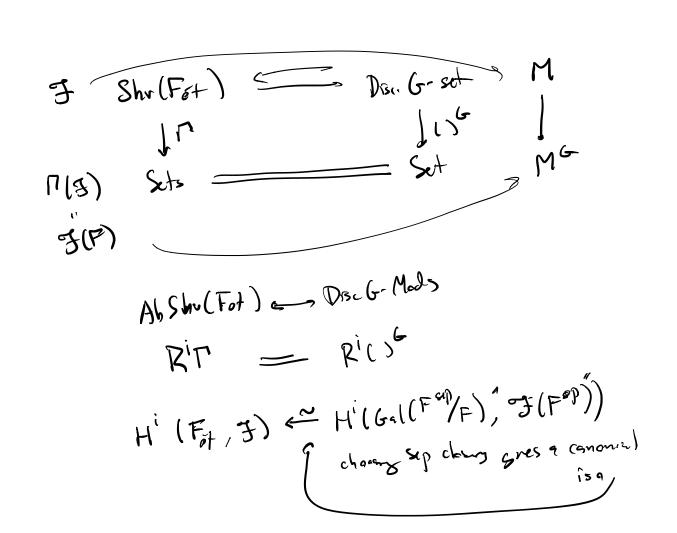
For 39ML) = MH

G (IH

Li as)

Fig.

As in as in Fet but I only 4Fas here For Tet IM 7(L)



Gm = Gmx = Spec Ax XX

lacally X = Spec R [t]

Mn C Gm

Mn, R = Spec R [t]

+1-1

Points in étale cite:

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Det. A strictly local of is a Househar local of w/ separally class residue held.
Harsel's leurua holds
How to the . I this' take Zaiska lacah of R = Qxxx
Free Henry to hold? Le each poly for R[x] w/ \$ 6 P/m[x] cop., a a root of the
aljour a roat a aff restrety tox.
get a Hencher of Rh res ext E/E ~ so road Rsh/Rh unvan.
por = strotty bal of et x.
Ma(X) Gm(X) Cn(X) 0 > H°(X, Ma) -> H°(X, Gm) -> H°(X, Gm)
H'(X, m) -> H'(X, cm) -> H'(X, cm) Pre X Pre X

Godon -> H'(X, nn) -> Picx En) ->0

X=Spec F

F'/(F) N ~ H'(F, nn)