Idea fa tosar relatre jourpal homogenous spèce proncipal hom. Space: if Gagoop Xa PHS & G means Gacts simply franstruly on X. anthonetic example? X = roots -1 2 in @ G-7/24 X= Spec 0[x] 5x --x x(Q) L=Q(52) Speck u Speck (1/2)

6×6 ->6 G = group schure/a W/2 ms Spell USpell GL 2 XL Top example 6CX IT for consisper motor Gatis

G = 90 of dick

X 3(u) = { s: u - x sectors ! IT } G(U) = 3 f: U - 16 cont. 3 GW (3/W) conspe = Usuff small this actor is smply transte

C > 203 Analysis C(Tx) C \ 203 C(x) necomplise fires in top on some this scheme nation stat notes Gia gray scheme 18 I shoot of groups on a a G-from 15 a scheme X sile T finder D: 7 - Grap st. fort ~> sets sheet. Gx X 3 X s.l. loalzen S, and X a sheet of sets looks like G X 55 9 D four it we are green acts on Hall. an action of Gon X 3{5; -5} com m t i.e. 岁x天李天 .t. Gs = Xs as sil. Ley UET 3 com scher 165; adr.  $\{u_i \rightarrow u\}$  s.l.  $\Re u_i \simeq \mathcal{B}_{u_i}$ as sheres Ists w/ Dui acton.

if X 2 & ne say X is formal.

actor  $y \times y \times y$   $y \times y \times y$ 

i.e. Gsi PXsi

I.t. GsixGsi Ssi

Idxy J (2 ) 4

GsixXsi at Xsi

Det 3 of form /S has

Gay schene X schene w/ Gacton

Ne say X is a G tosor if

Ne say X is a M 3 G-tosor iff it is a

Exi X is a M 3 G-tosor iff it is a

G tosor in any top T browhich

X > S is a cons.

GX XX

AND X is a Car

AND X is a Ghrson

CAX CONSXXX

X COCX

X COCX