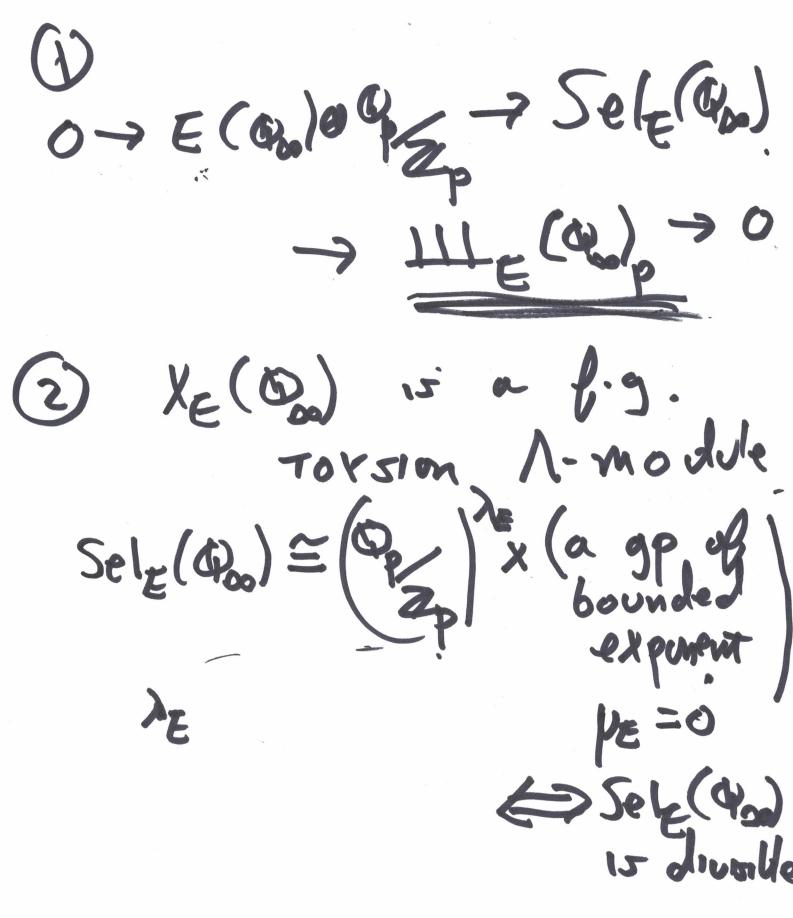
p = odd prime, [= Gal (000/0) Do = W. On, Cyclot. Zp-PXT. 1=2[] Lm Zp [Gal(On/Q)] 1 = Zp[[T]] T 6-1 LET X be a f.g. 1-module

XAX = 0 = X = 0 X= (00) = Sel= (00)p Sel= (00)[T]=0=> Sel= (00)p Sele (OD)

Assume E(Q)[P] = 0 0 -> Zelf(0)-> Zelf(0) -> Cotter (rest) >0 Assume E has good at P XE (Do) has mo mareero BiNITE N- Jubmaddes. Solz (D) 15 SITHER D ON



when 15 Sele (Bol # 0) 0 -> Sele (a) -> Sele (a) -> coker -> 0 To rank (E(Q).

To rzl, then (OP) -> SelE(Q) -> (Z6/E (D) 17 Kg .-> Sele (Onlar

For action of Gap 四型13ECP] -> ECP] -> ECP] -> 0 becomes のつかったてり了つるアクラウ Sele (QD) 15 IMMITE. LE SO Juppose Mar me. Je y ven ct OF PECP? -> Exp? ->0

MAX MA 102/ 1/5 = 2 Azzame me nance un の一重一を印了っせつの where &= Mp. Let JE - formal gp for 海(何) つと(の) つど(原)つの ~ M FE -1

O > JE[poo] > E[poo] > E[poo] >0 action of Ga. 15 Unramified and Frib acts by dp

Selt (QD)= 3 [C] e Selle (QD)

NITH VALUES

IN ELPO)

Back TO

O D ELPED D D D D (action for G-Q) E= 1P 更至距的是超 SelE(@)= Her ( Selvel(@) >H'(9,00) F[por] 4 H' (4,00, FELPOOT) -> H'(Oppos E[Po])-> H (4),00, E(1)

HER (OD) EV Hyel (Qoo, ELpos) JIMITE Hernel Mos (P) Haland