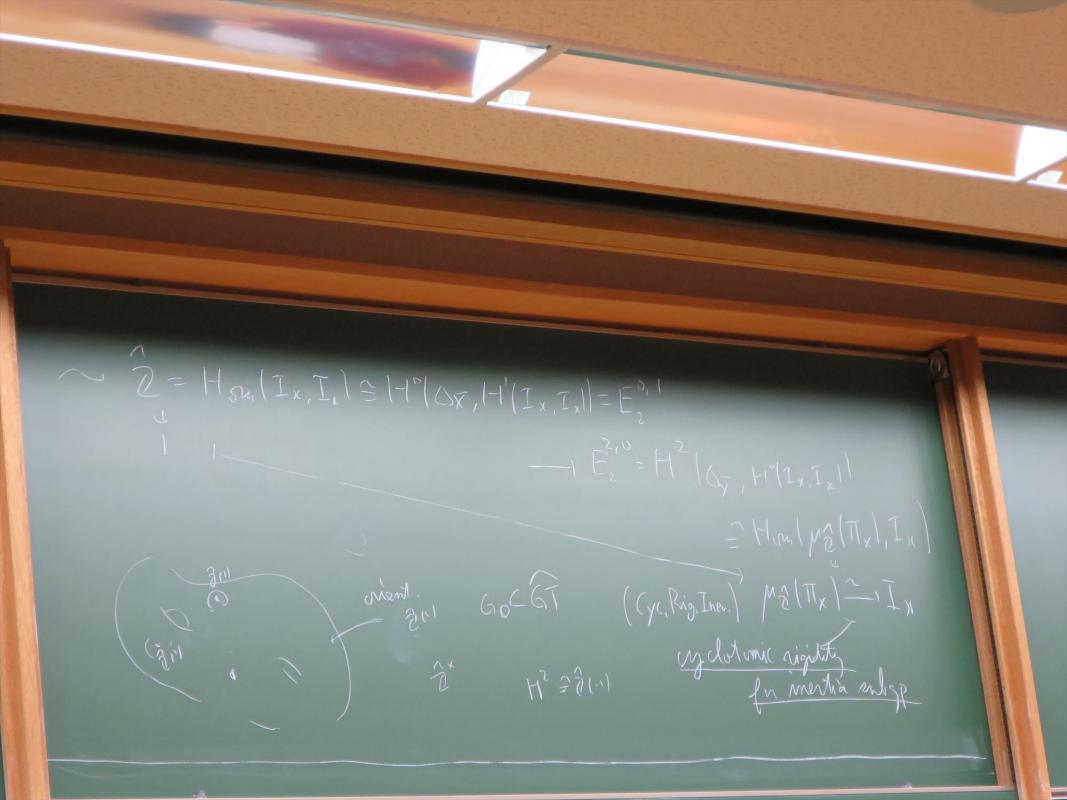
2 recond Alt we can f &-lik 2 Kummen than more portion from 2 - ndet gel. rig. In 32 purties from 2 - indet. 1 with tox 2. tox of TIO_ = M - in mon-interporte to TIO_ = M - in help In "32 portion" for all Pro-time for the light of th

(1), ker $(\Delta_U + \Delta_{U_X})$, ker $(T_U - P T_{U_X}) + p$, roundly sen. by the mentionly pr (2), $1 - (T_X - \Delta_{U_X}) - (\Delta_X - 1)$ (2), $1 - (T_X - \Delta_{U_X}) - (\Delta_X - 1)$ (every $E_2^{k,q} = H^k(\Delta_{\overline{X}}, H^{\mathfrak{d}}(\mathbb{I}_{k}, \mathbb{I}_{k})) = H^{k+\mathfrak{d}}(\Delta_{\mathcal{U}_{k}}, \mathbb{I}_{k})$ Tri, Sur, W D Iri mino-theta env. 1 non-motorferonce $() \cap$



 $\begin{aligned} \phi \neq \cup (X) \\ K_{U}(T) \\ K_{U}(T) \\ \psi_{U}(T) \\ \psi_{U}$

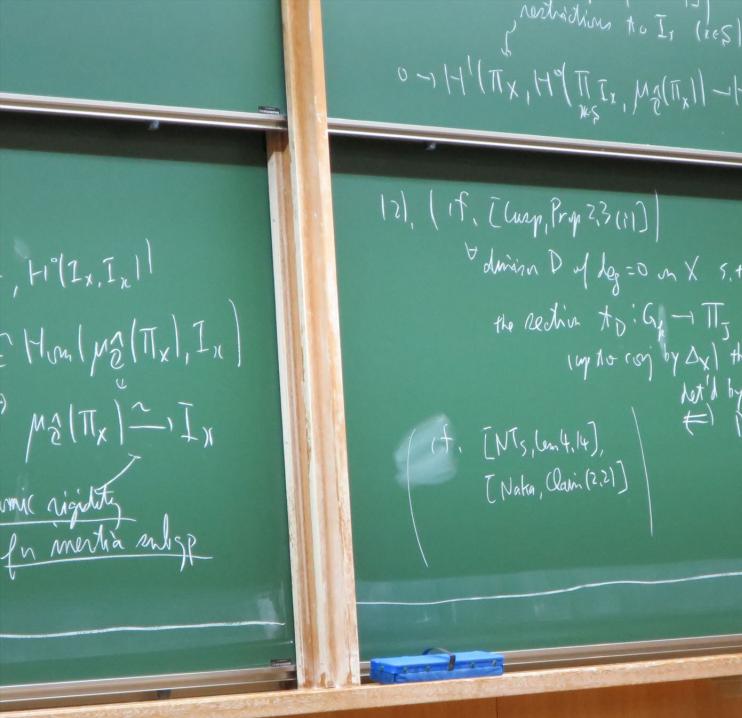
- 0

Mg(K) 「 」、Mg(TTX)」 これらいTX) これられてX) (lusp, Prop 2,3 (1)) dimin D of dog = 0 on X s.t. Supp(D) < X(R), the rection to: Gp - TT3 is equilitor (up to registry by DX) the rection Not d by the right Oc J(R)

 $\begin{aligned}
 \pi_{X} &- i \pi_{5}i \\
 Ye X(A) \\
 + x : G_{A} &- i \pi_{X} - i \pi_{5}i \\
 + x : G_{A} &- i \pi_{X} - i \pi_{5}i \\
 + x : G_{A} &- i \pi_{5}i \\$

13). 1 ct. [Cump, Pr. p2.1(1)] U=X15, 5<X(h) fin. not $H^{I}(\Pi, \mathcal{U}_{X}, \mathcal{V}_{X}) \cong H^{I}(\Pi, \mathcal{V}_{X})$ $H^{I}(\Pi, \mathcal{V}_{X}) \cong H^{I}(\Pi, \mathcal{V}_{X})$ $H^{I}(\Pi, \mathcal{V}_{X}) \cong H^{I}(\mathcal{V}_{X})$ $H^{I}(\Pi, \mathcal{V}_{X}) \cong H^{I}(\mathcal{V}_{X})$ $H^{I}(\Pi, \mathcal{V}_{X}) \cong H^{I}(\mathcal{V}_{X})$ $H^{I}(\Pi, \mathcal{V}_{X}) \cong H^{I}(\mathcal{V}_{X})$ $H^{I}(\mathcal{V}_{X}) \cong H^{I}(\mathcal{V}_{X})$ (IXII) SN $(\widehat{\chi} | \Pi \rangle)$ $0 - 1 \left[- 1 \left[\left(\pi_{X}, H^{o}(\Pi_{x}, \Pi_{x}, \mu_{a}(\Pi_{x})) - H^{o}(\Pi_{x}) \right] - M^{o}(\Pi_{x}) \right] - M^{o}(\Pi_{x}, H^{o}(\Pi_{x}, H^{o}(\Pi_{x})) - M^{o}(\Pi_{x}) \right]$ 121, (1F, [lusp, Prop 2,3(1)] Sum DICX(R)

(1) Ren (
$$\Delta_{U} \rightarrow \Delta_{U_{X}}$$
), Ren ($\Pi_{U} \rightarrow \Pi_{U_{X}}$) T_{P} , scamble, you by
(2), $1 \rightarrow I_{X} \rightarrow \Delta_{U_{X}}^{cusp} \rightarrow G_{X} \rightarrow 1$
(2), $1 \rightarrow I_{X} \rightarrow \Delta_{U_{X}}^{cusp} \rightarrow G_{X} \rightarrow 1$
(4)
(4)
 $G_{U_{X}}^{cusp} \in \mathbb{F}_{2}^{P,q} = H^{k}(G_{\overline{X}}, H^{l}(I_{I_{1}}, I_{1})) =) H^{k+1}(G_{U_{X}}, I_{k})$
 $T_{K}, \Delta_{U_{X}}^{cusp} \wedge T_{X}$
(3), (4)
 $T_{K}, \Delta_{U_{X}}^{cusp} \wedge T_{X}$
(4), the rimage of [10, O_{X}^{c}] $\sim H^{l}(\Pi_{U}, \mu_{2}(\Pi_{X}))/(R^{l})^{n}$
 $M^{l}a = U \rightarrow O_{L}^{cusp}$
(b), the rimage of [10, O_{X}^{c}] $\sim H^{l}(\Pi_{U}, \mu_{2}(\Pi_{X}))/(R^{l})^{n}$
 $M^{l}a = U \rightarrow O_{L}^{cusp}$
 $H^{l}(\Pi_{U}, \mu_{2}(\Pi_{X}))/(R^{l})$
 $H^{l}(M^{l})^{n}$
 $M^{l}(M^{l})^{n}$
 $M^{l}($



 $0 \rightarrow \left[-\left(\pi_{x},H'(\pi_{x},H'(\pi_{x},H'(\pi_{x}))-H'(\pi_{x})\right)-H'(\pi_{x},H'(\pi_{x},H'(\pi_{x},H'(\pi_{x}))-H'(\pi_{x},H'(\pi_{x}))\right)\right]$ dimin D of log = 0 on X s.t. Supp(D) < X(B), XIh the rection to Gy - TTJ is equal to (up to ray by Dx) the radiu Net'd by the origin O c JIE) E) D is principal J^d dog=d J=Jª tasu, K-JI (PL) O(R) $\begin{array}{c} \Pi_{\chi} - 1 \ \Pi_{J} \\ \chi \in \chi [A] \\ \chi \in \chi [A] \\ \chi \in G_{A} - 1 \ \Pi_{\chi} - 1 \ \Pi_{J} \\ \end{array}$ TT JI K TT JI - I TT JI

~+0;64-115A

1 1000 1

$P_{U} \subset H'(T_{U}, \mu_{\mathcal{E}}(T_{X}))$: inversing of $P'_{U} \subset \mathcal{D}_{\mathcal{E}}(\mathcal{D}_{\mathcal{E}})$ $M'_{\mathcal{E}} = H'(T_{U}, \mu_{\mathcal{E}}(T_{X}))$ $M'_{\mathcal{E}} = H'(T_{U}, \mu_{\mathcal{E}}(T_{X}))$

(1). $\eta \in \mathcal{P}_{U}$ i Kumma class of an NF-nat. f.t. $(=)^{2} NF pts I., X_{2} \in U[4']$ (h'/h+in) J_{in} J_{in} f_{in} f_{in}

 $(-1) \left[(f, (u, y, P, p_2, I, (i))) + (T, \chi, M_2(T, \chi)) = (+)^{\chi} \right], (f, (u, y, P, p_2, I, (i))) + (T, \chi, M_2(T, \chi)) = (+)^{\chi} \right], (f, (I)) + (f, (I))$ [2] Assue that I non-court, NF-rad. for ~ [10,0%] $\gamma \in \mathcal{P}_{\mathcal{A}} \cap \mathcal{H}^{1}(\mathcal{G}_{\mathcal{A}}, \mathcal{M}_{\mathcal{D}}^{2}(\Pi_{\mathbf{x}})) \stackrel{\sim}{\rightarrow} |\mathcal{H}^{+}|^{2}$ Kuner class of an NF- cont. in the 16e1, 43 (Tx) (=) à non-court NF-nil. (21 f. plu, 04) L'an NF-pt x e Ulli) un hith $(x, x, k, k) = \eta = \eta + h'(G_{k'}, h_{2})$

himb-p-adic, X' the Bolight +- po CX input 1- 0x CTI x Grand " u, v, t,) open ing, hon, of ext's of pal. 75 " u, v, t,) open ing, hon, of ext's of pal. 75 arising from a base chage I the base field





Step 1 Step? I las her all up 2 cuspided die (len 3, 15 (51) & Lew 7. 58 (51) Ren, CHI(II, MaltI)

Ster 4 -By the charailin of non const. NE-noil. - (its & NE-const. [las,16(1),121) Je thic noin align (mia Kumen map Ku's) The X C The (X) X C L: (-1'(TTU, 1/2 (TTX))) The NF C The (X) X C L: (-1'(TTU, 1/2 (TTX))) Using and NT-consol Fight Hits

Stral

lina - of the rown, addition this on Thursday, Thursday, Thursday, Thursday, Thursday, Thursday, Thursday,

Prop3,12 gp this norm. addition othis on This hay, This (x) x 164 Ron 3.17, 1 TR: NF, MLF ~ imput data only TTX UK. Ren 3, 19, 2 1-64x -1 Thy 766-11 2 Huttle, Ter hi 32. Not minitan country 1960) hitriument In (Step 1), Bolghi curpindin Ron 3, 173 (ali of GR In Kunen touchthat k) ecury. Sp in Stop OF THE KAT hi Kunon formal - Gpichi of [Ahrty I, "hund)

(1). the set of decorp. grs of all closed pts i X. (2) $\overline{h}(x)$, \overline{h} tilds (3) not, ison, $M_{2}(G_{k}) \xrightarrow{\sim} M_{2}^{*}(\Pi_{x}) := Hom(Q(0, K|\overline{h}_{NF}))$ $(cy_{1}, Rig_{1}CFT) \xrightarrow{\sim} M_{2}^{*}(\Pi_{x}) \xrightarrow{\sim} L_{kF} \xrightarrow{\sim} L_{kF}^{*}(\Pi_{x}, M_{2}(\Pi_{x}))$

1 I ah

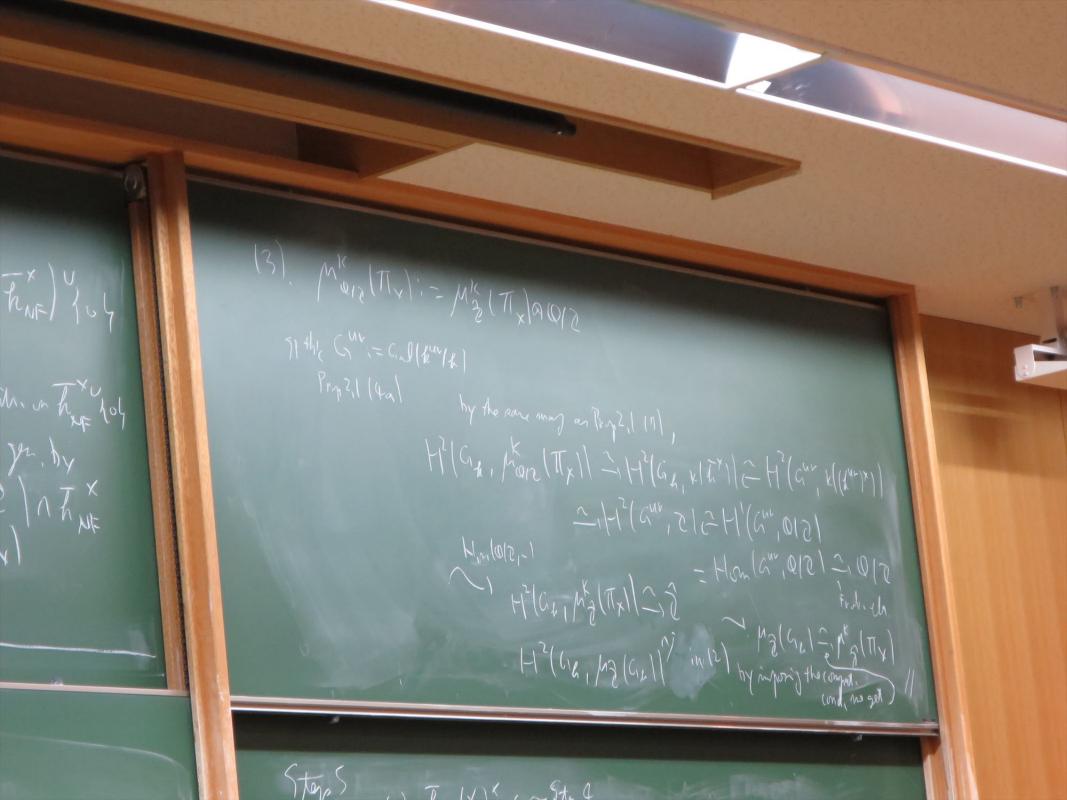
Mala (G) = Hallon Mars 1Gal

ElQ fin,

Dal 3,18

Sphe 14/1014, Malaul -12 Mg (Gel = Mg (TTx) rup to gr mlt.

[V(vag)] (II, (n),] $\overline{I} > (D, R(n), R(n), \overline{I}, (v), \overline{I}, ($



 $M_{inlol2,-1} = H_{inlol2,-1} = H_{inlo1,-1} = H_{inlo1,-1} = H_{inlo1,-1} = H_{inlo1,-1} =$ HIGHIMATI-10 . Malan - Malan -Ron 3, 19, 2 ([AhrTypII, Pup3,2, Pup3,3] Gri M top monid loop. Joy. 701 - 00 hours. The $M_{2}(M) := H_{on}(Q|2, M^{*})$ (M) in Ge action Merz (M): = M2 (M) Q2012 Mur: = Mhalaran We can take the generation of Mur MX mp to (±14) (2004, 300, of Mur MX mp to (±14) 3 13 6% mlt,

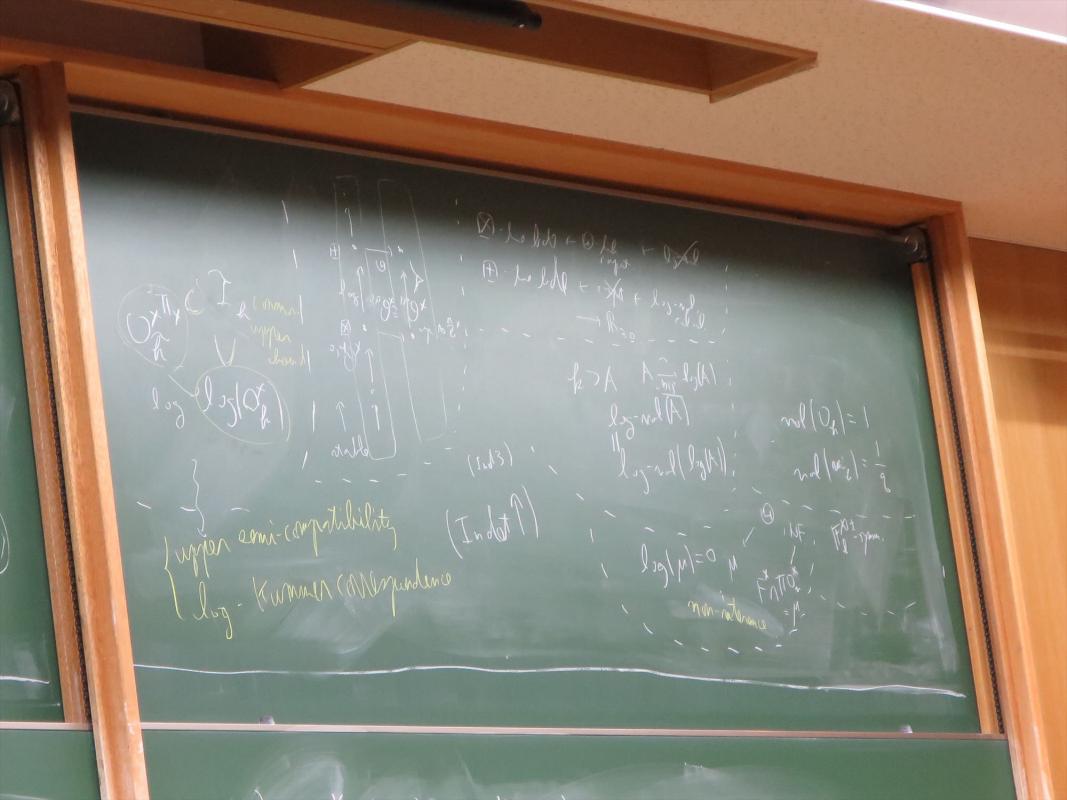
can def't known mell-def. yn tulting Mallor Malm) (Gyr Rig(CFT) Mallor Malm) (Gyr Rig(CFT) hy the some (n 319(3)), (nem, yn tulting) "gas m Ot ing up to 2x Ot = no-nigiduly §4. Archimedoan Theory-- Avoiding Specific Reference Model

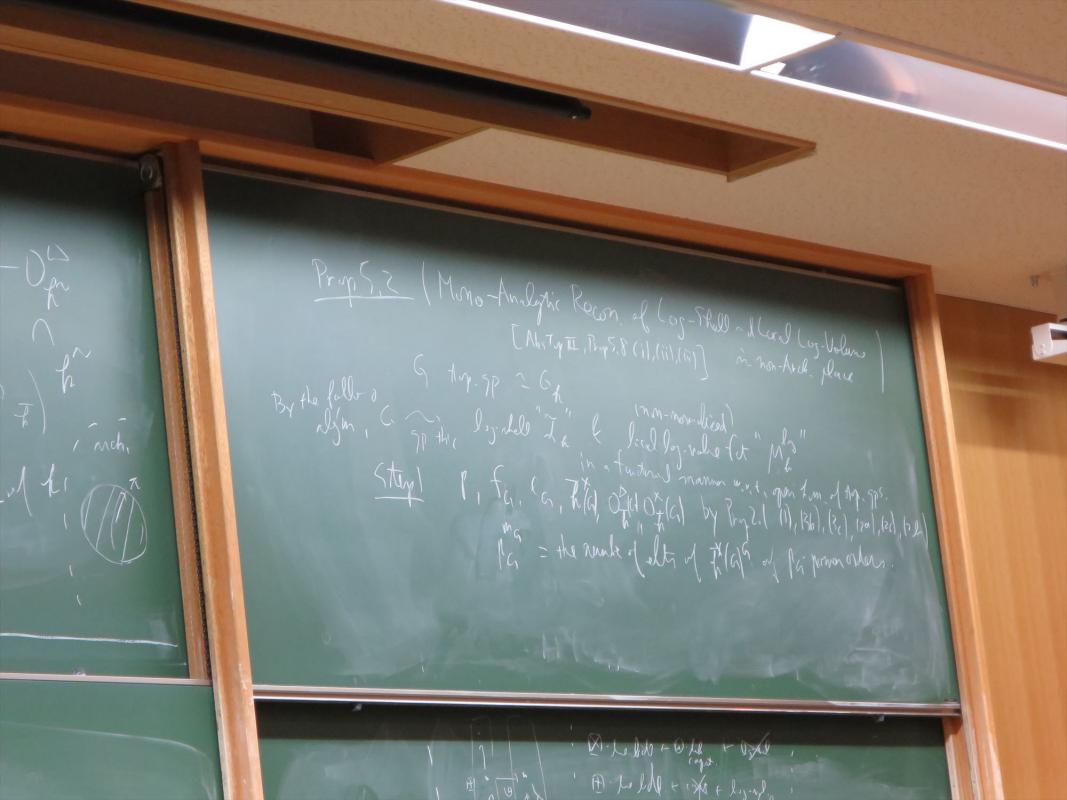


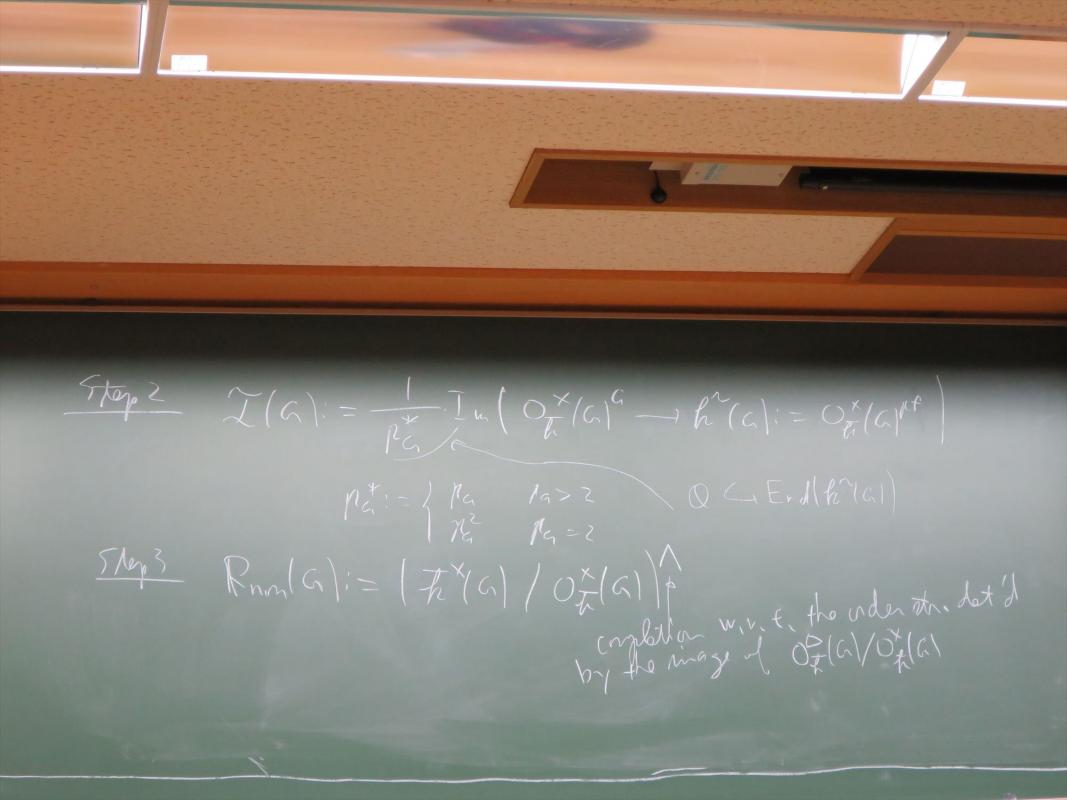
B) [-12(G", 2] $C H'(G^{\mu\nu}, OR) = Hm(G^{\mu\nu}, OR)$ com, def't tranp. mell-def. up to (+14) Mallin, Malm) (Cyc. Rig. (CFT) . hy the cone (on 319(3)); (non, up to 1+14) ""gas in Ot - nig, up no 2x - no-nipiduly 34. Archimedoan Theory - Avoiding Specific Reference Model omit ([AbsTypII, \$2,4]) X: tm. cne/cz/c Axiv - Axlul = Autrolu esteria interio Awt-hol grave Aut (U) Kumen they

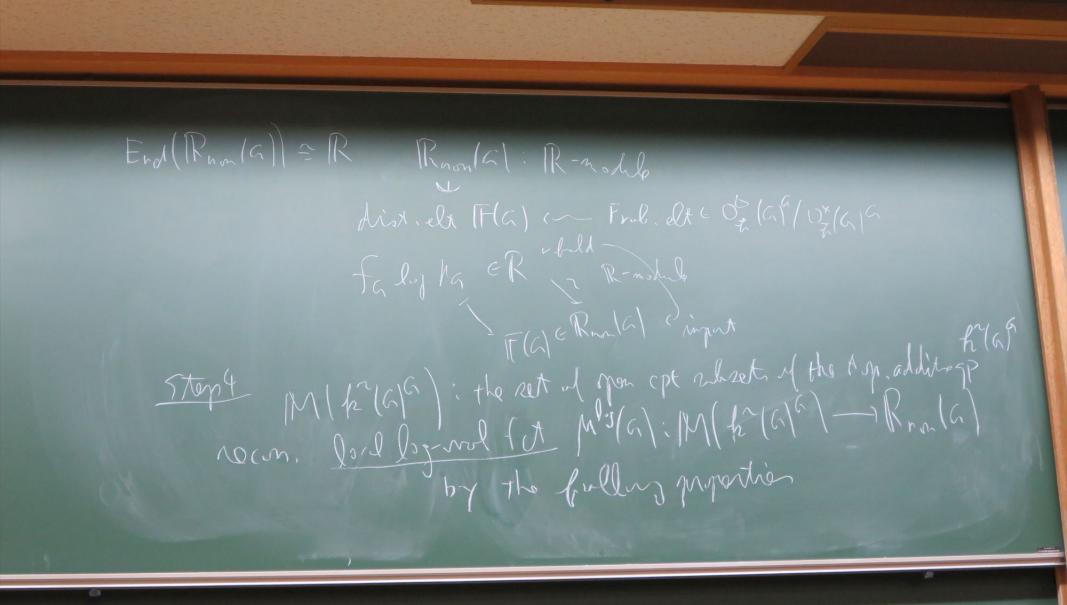
Lilox - Of-p-odic ligi log i h ~ h rig nh 1 ~ h & field dh. rig nh 1 ~ h \mathcal{O} $\frac{1}{100}$ $\frac{1}{100}$

 $\frac{D_{1}(5,1)}{\left(\begin{array}{c}T_{1}\\0\end{array}\right)}^{T_{1}} = \frac{1}{p_{1}} \operatorname{Im}\left(\begin{array}{c}T_{2}\\0\end{array}\right)^{T_{1}} = \frac{1}{p_{1}} \operatorname{Im}\left(\begin{array}{c}T_{1}\\0\end{array}\right)^{T_{1}} = \frac{1}{p_{1}} \operatorname{Im}\left(\begin{array}{c}T_{1}\\0\end{array}\right)^{T} = \frac{1}{p_{1}} \operatorname{$ · M- 11







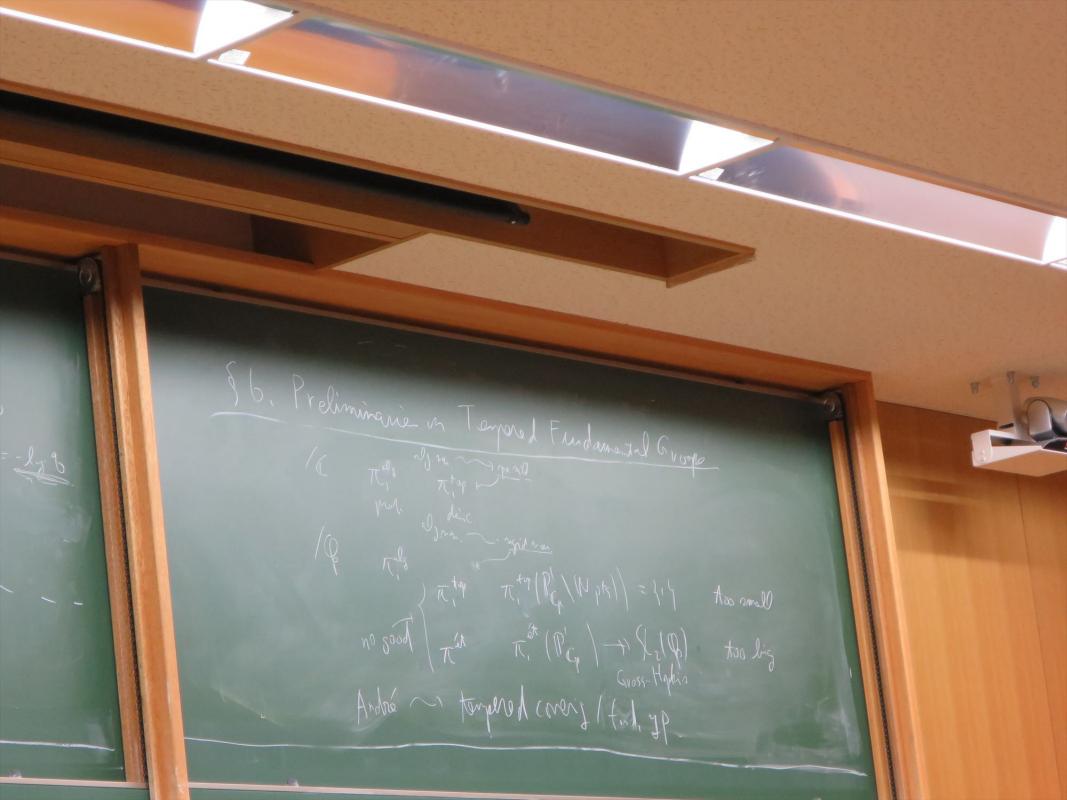


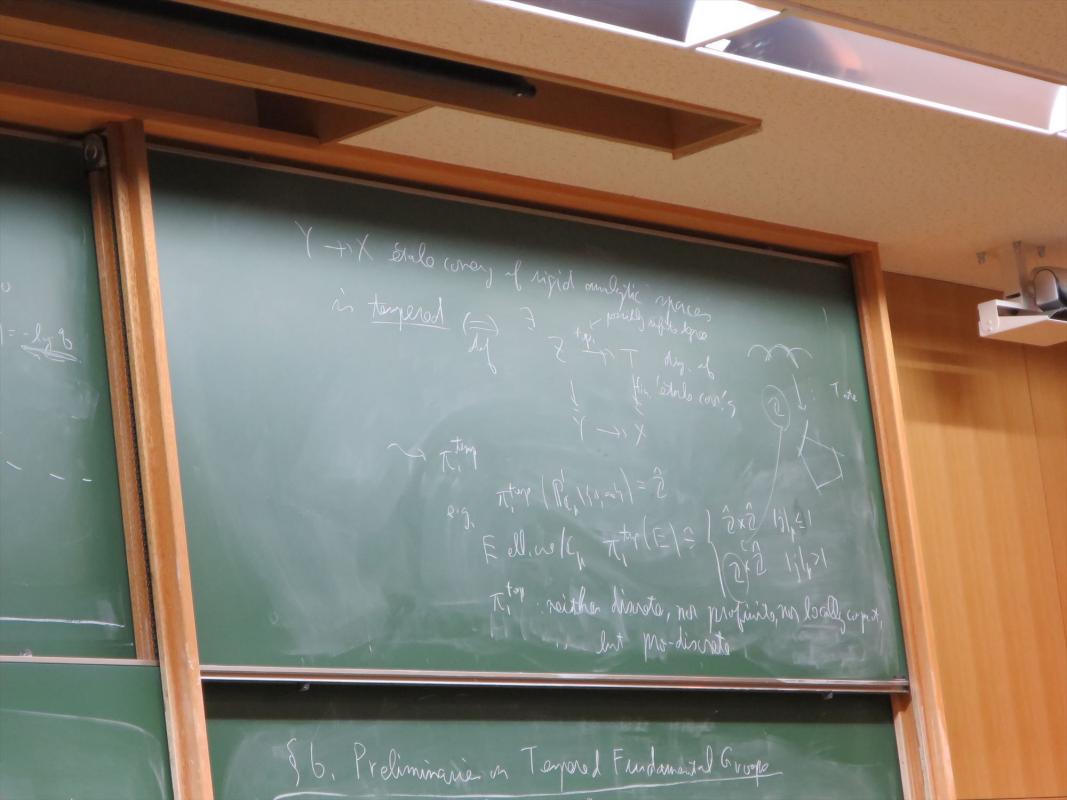
Store $\sim (a)$ $= \overline{1} \left[-\overline{1} \left[-\frac{1}{2} \left[-\frac{1}{2$

$$\begin{array}{l} (a) \quad A \in \mathcal{B} \in \mathcal{M}(\mathcal{B}(G)G) \quad \text{we and } = \phi \\ = \phi p \left(\mu^{k} \mathcal{I}(G)(A^{\vee}B) \right) = \phi p \left(\mu^{k} \mathcal{I}(G)(A) \right) + \phi p p \left(\mu^{k} \mathcal{I}(G)(B) \right) \\ \quad \mathcal{I}_{\mathcal{B}} = \mathcal{A} \wedge \mathcal{A}_{\mathcal{A}} & \mathcal{B}_{\mathcal{B}} = 0 \\ \quad \mathcal{I}_{\mathcal{B}} = \mathcal{A} \wedge \mathcal{A}_{\mathcal{A}} & \mathcal{B}_{\mathcal{B}} = 0 \\ (b) \quad A \in \mathcal{M}(\mathcal{B}^{\vee}(G)G) \quad , a \in \mathcal{B}^{\vee}(G)G \quad , p^{k} \mathcal{I}(G)(A + a) = p^{k} \mathcal{I}(G)(A) \\ \quad (b) \quad A \in \mathcal{M}(\mathcal{B}^{\vee}(G)G) \quad , a \in \mathcal{B}^{\vee}(G)G \quad , p^{k} \mathcal{I}(G)(A + a) = p^{k} \mathcal{I}(G)(A) \\ \quad (c) \quad ($$



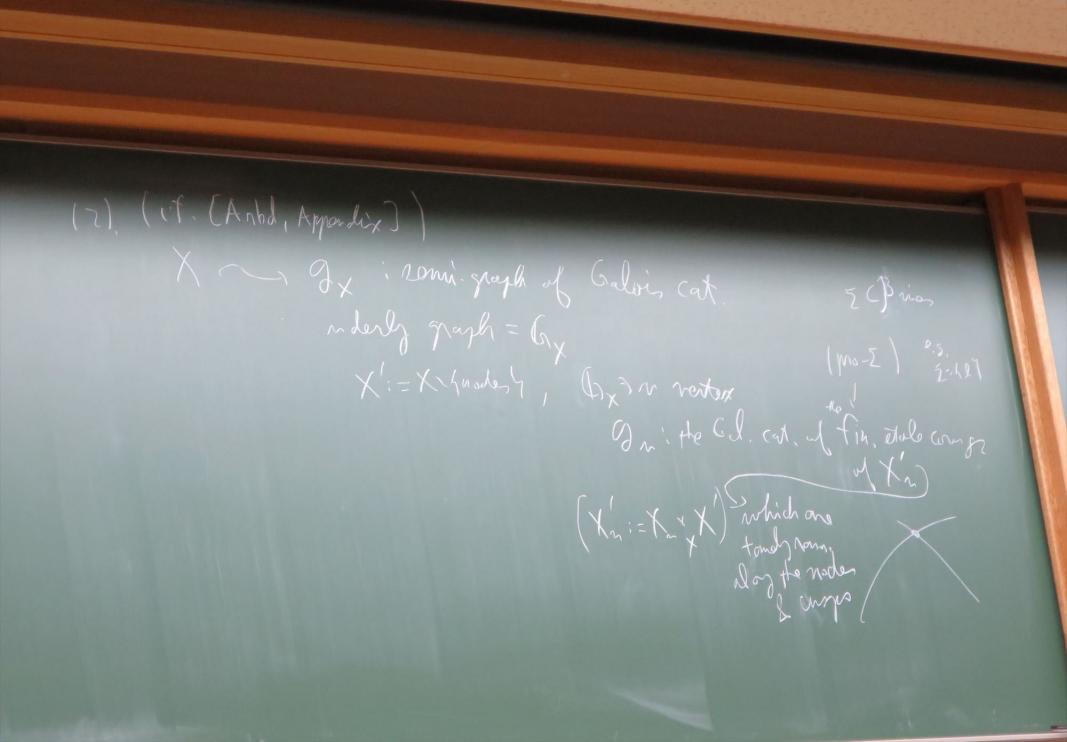
lon galal deg anith the bold at by this idditagprala 206.9¹°0', 206.91°0', ht<0+hidet/ ht 5t 10







- 1 1 - i lilig by 1 - C i lilig by 200-l data



then Velil, Velil jichens this thousand the singleties of the pack velil at the node ve the fill at the node ve WX de ithe Cul. ryl. of the fin. It con 's of X'pe which as tady now, alights hade man alon P , which the

open edge ex Xx: ab the intervation of the confetion of X of X xing xing huin Spice (18) dex pull-bech which are the na ly the app noted tet we day e-m and tet we day - 1 de open elde e-m Ve Velil, Velil jachens this the signaleties of Ve Velil, Velil jachens this the signaleties of the node be intervention of the back Velil of the node be

I som, in the cat, of

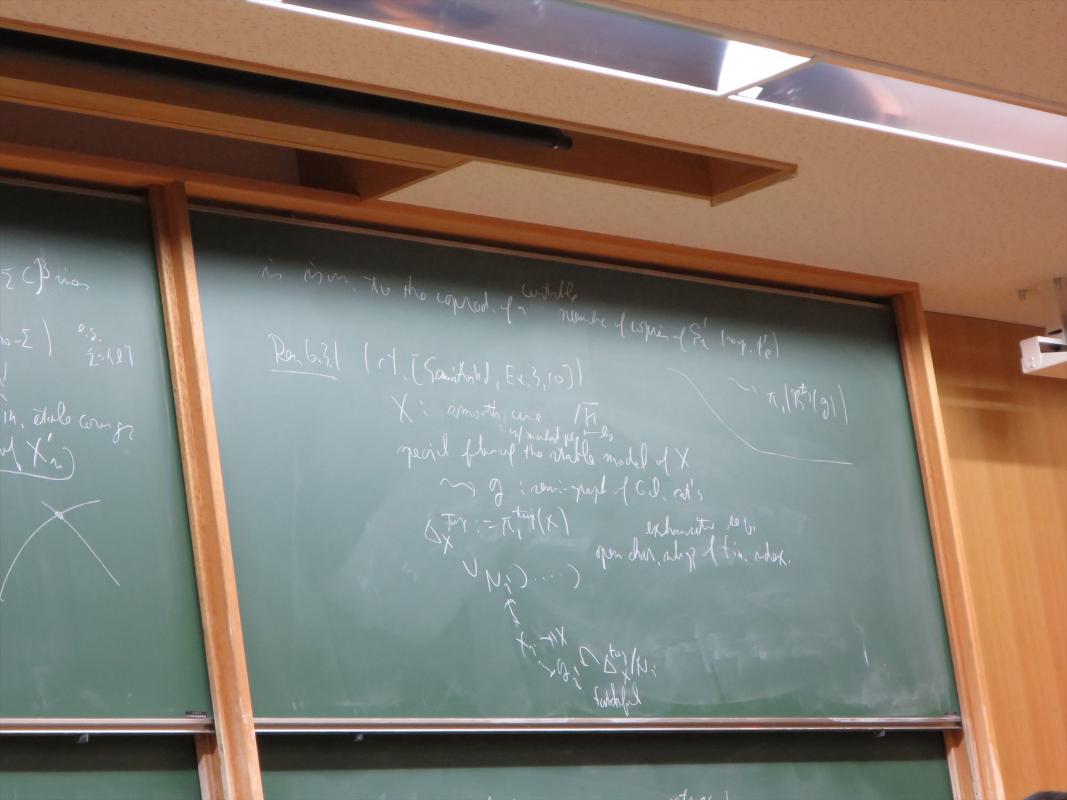
(3) [cf. [Somi Anhd, Def2.1] 0-10, 19 00 06 10

y and the work (BIGICI Rtr(g) CB(0)(g) full relat. bj. 15m, keine s.t. = 15m, keine Obj/R(g1) = 15m, keine Obj/R(g1) + neiter or edge (neitmiden - 118m, kein + neiter or edge (to ge gulits to Je gulits the restriction of 15, be 4 to the Shi long, pe) up Su log, be dimorphi of the july (reg. Se) and from all it is a log. be i. P. the file puls of the rach ren the ten obj. hand id mogh if in the will for the field (mind, from,

& unis De ithe Gal ray of the is mon, to the copied of B(01(9) Ray 6.3,1 (rl, [SoundAnh], Ex.3 relat. j. 15m, Petre s.t. yeard flow the $\exists \{S'_{n}, \phi'_{0}, \varphi'_{n,e} \in Obj | \mathcal{B}(g) \}$ restriction of 1 Sm, Pe 7 S. P. the file pulse of the restriction of the file the file pulse of the restriction of the file the start of the file the start of the file the start of the file of the file of the start of the star It nertless or edge (

~ q : no

nul. 1



 $\sum_{i=1}^{n} \sum_{i=1}^{n} \left(\frac{1}{\pi_{i}^{ton}} \left(\frac{1}{\beta_{i}^{ton}} \left(\frac{1}{\beta_{i}} \right) \right) \right)$ is ison, to the copied, of a nombe of copie of Sh long. the ~ T. (8th (91)

Probes (A. (Semikhold, Th3, T])
(1), max. opt alpo (
$$\pi_i^* V(3)$$
 L' northered melopy to (3),
12), $\forall else-tile alogn in $\pi_i^* V(3)$ L' northered in $\pi_i^* V(3)$
 $inase d [d. t. (13)]$
 $in$$

r Frohenioid

- 11:

1

