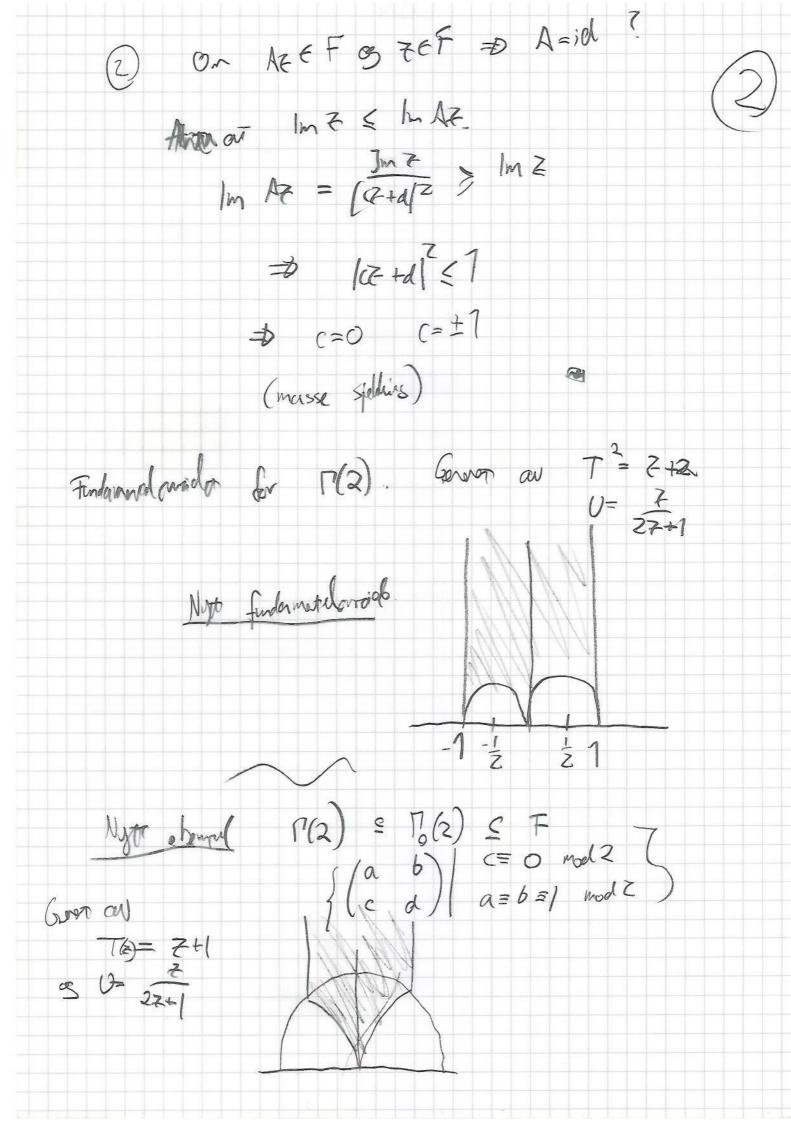
Geit forsetter for sign Findquard pradet al P= PSL(2, 1). T(z) = z+1 $S(z) = \overline{z}$ Hush ar et findamentalancide Em OFEH GRAN

OFSTAYEF MY X ± y & GX A Gy = Ø. 3 Ether bore Treffer F. Frances et standard" finologiero lavoido for 17. $\begin{array}{c|c}
\rho = 3\sqrt{1} \\
\hline
F = \{z \in H \mid |z| > 1 \\
Re = 1 < z
\end{array}$ Lemma Gitt $z \in H$, M > 0, so fines her orderly morge $c_1d \in \mathbb{Z}$ so. $|cz + d|^2 \leq M$.

Lemma Gitt $z \in H$. So $|cz + d|^2 \leq M$.

Oha $z \in H$. So $|cz + d|^2 \leq M$.

Interval $|cz + d|^2 \leq M$. For lemme, la velge & sa. Im AZ et makesinal. Bruk to let à avon our like to 1 = 2. Passon den et 16/ > 1. My In SE = Im To Im To Com mobilization 176/2 \(\frac{176}{2} \) \(\frac{1}{76} \) \(\



(Johann Greux) SL2(R) X H -> 1+1 ((ab), Z) > aZ+6
CZ+d a) Sh (R) richer transition par H Pup 7.1 B) Indusor konothi SL2(R)/st] > Aut H c) $Srab(i) = SO_2(\mathbb{R})$ d) Far homomoti Sha(18) -> H $\overline{A} \longrightarrow A(:)$ Om $z = x + iy \in H$ oil $A = \sqrt{y} \begin{pmatrix} y & x \\ 0 & 1 \end{pmatrix} \in SL_2(\mathbb{R})$ & Ineduit it > yith = 7. agent A6 Sh(R) virter trainet på H vil a2+6= 7 YZKH. $\Rightarrow c + (d-a) - 6 - 0 - 0 = 0$ a = d, 6 = (=0) = 0 $\sqrt{.}$

p: H -2 D 80, Hush Schwar ten S:0 > D m/ fld = 0 a) If(e) | < |z| B) Cosm If(z) = te/ for on 3 5 5 5 5 1 1 1 1 1 5 a. (6) = 17. (4(2) 5 12) as a newful =0 (4(2)= 2, se $p8p^{-1} = e^{26i} = e^{-7}$ $\chi(z) = \begin{pmatrix} \cos\theta & -\sin\theta \\ \sin\theta & \sin\theta \end{pmatrix} z.$ Krojanar au H Rup 2.4 for G reve lotal hompatt gruppe son vive pl X.
s.c. I to E X s.a. (= Stab(to) er kompatt inlegrippe au G g G/K $\rightarrow X$ or an homomet.

91 \rightarrow 9% Der es faggrade chrisders:

