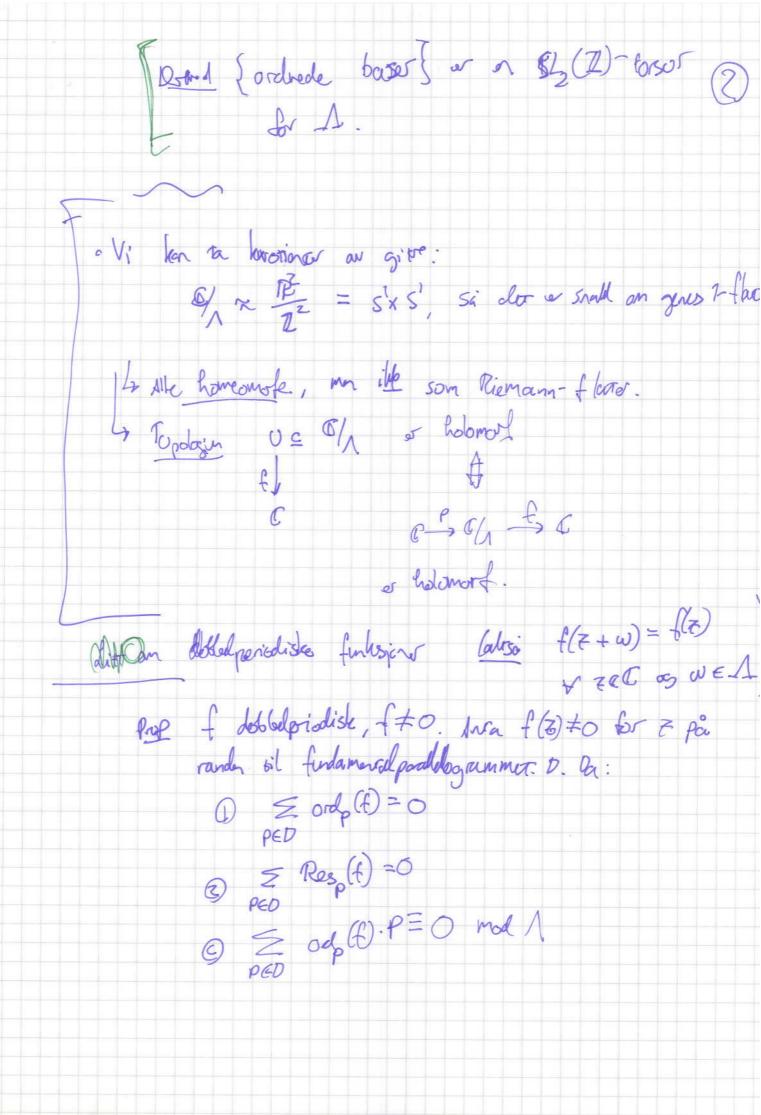
Ellipriske funksjoner (korp 3, Milne) - shaped like a flattered circle elliptic: \_ using few words and therefore had to Is it known whater the Quotiet understand of a Seun voice by a fixedpoint terding to be ambigious, cryptic, obscure disorco pour Sain? horpi sins modular form - tidligre: modular to do " modular lattices.

- modular form - a linearin on some space of

lattices Gite of basiser

Slew  $\Lambda = Z_{UV} + Z_{UV}$ Slew 1= Zw, + Zwa Vi kan and at T= wi E Hf. (hvisitle: bytt on wi, wz) Re  $w_1 = a w_1 + b w_2$   $a_1b_1c_1 d \in \mathbb{Z}$   $w_2' = c w_1 + dw_2$ . Oute or a basis FD der (cd) = ±1. ( to the Ma ha det M #0, ma capia de M orhani Z siden det = 121 -> 131 or inveribel. the Hor M. A S A sol n' E M2 (2) as HINE 1 Soi 1 = M1. Mack or M1=1.



pt a,6 et spesialille av Propl. 12, som stel at a mooner! Inhaper på en Cleman-Glerie har like mange nullpott Som pole.

Beriser Y à triangule floter os brule at  $\int_{C} w = 2\pi i \left( \sum_{\text{poles}} \text{Res}_{\text{p}} w \right) \text{ os at dot or lastleris and single but$ Arres maile on ni mos Riemanfluin e algebrish Chir duce / sirhular?) (f) =  $e^{\bullet}(0) - (\infty)$  of  $e^{\bullet}D = deg \cdot deg D$ , Sin  $dg \cdot \theta = 0$ Wordler En ille-lenstone elleprish finlingen how to poler. Pl Me hadomal: periodisiter & hoboner pa G.

Derson V dionille. the be in pol: Val 6) or Resp(f) = 0, man for polar er

denne \$\pm\$0.

Erdenofie an Mr. (4) Prop 3.3  $\Lambda$ ,  $\Lambda^1 \subseteq \mathbb{C}$ . Om  $\alpha \in \mathbb{C}$  as s. a.  $\alpha \land \Lambda \subseteq \Lambda'$ , for industrial out  $Q: \mathbb{C}/\Lambda \longrightarrow \mathbb{C}/\Lambda'$ (sa. 0120) Z - 3 ZZ Like all e på denne ferna. Leslett B alle IZ C End (C/n). . Klors on slik of inclusives on slike out. . Ava gitt of gold. C'a der univale ovedeningsrommer til C/1, så ni en læte e: P | [P S.a. &(0)=0. · ce er holomat! (sich per lokal iso) · Arbildign ZI > ~ (Z+w) - Q(Z) E/ S C 5° of Konstant. Dorver mp Z = 0 & (z+w) = & (z). · Rand or Q(Z) = LZ +B. D B=0 sidn \$(0)=0. ZC> End (C/1) fordi an XE = B7 1 Sa 3 or EtD LE-BZ E1 SG

4

Tholor Om C/1 - C/1 Sider OHO 3 si hotomort, sa e de a gruppehomonopi. , of Mark Samme resultante sjolds by abousto (red. hosa) Grole P/n os P/1 or Rambe ( ) J LEC / 1'= L1. (acc Eran of End(C/1) = I eller sa or End (6/1) on uddering as Cx for en budarish aw ang 2 unidele Cx  $\mathbb{M} \quad \text{End} (\mathbb{C}/n) = \{ \alpha \in \mathbb{C} \mid \alpha \land \in \Lambda \}.$ Så la  $\Lambda = \omega_1 Z + \omega_2 Z$ .  $2\omega_1 = a\omega_1 + 6\omega_2$   $2\omega_2 = 6\omega_1 + 4\omega_2$  $la c = \frac{\omega_1}{\omega_2} : dt = at + b$ A = cT + d A = cT + d  $C = 0 \text{ or } Z \in Z.$ an C ≠ O or t= x-d, sa a helow Z. Pà samme màse, dimin x(x-d)=ax-d+6 d for listing D TE LOOPE ON SAND  $\Rightarrow$   $x^2 - xd = ax - ad + bc$   $\Rightarrow$  x - (d+a)x + ad-bc = 0Man 2=Ct + d , Sin

