Chris Hogork Lec 7, Ex. A Vec 500005 are aboutine DiA > ENOW => a.n = Ala) NEV a. (p.1) = D(a) (B(P)1) v [(d)a (p)a) = (a+p). 1 = b(a+p). 1 = (D(a) + D(b)).v = p(c)v + p(b)v = 6.0 + 6.11 V = V [1]q = V. a. (u+v) = D(a) (u+v) = pla)u + pla)v a.n + a.n

2. L'on Subgroup of M and dosed under group 6. .. & preserves additive structure and additive group at cosets $U \cdot (U + \Gamma) = (U \cdot W) + \Gamma$ L subgroup of L and RLCL Contains no non-trivial proper submoder MEN FIR YEN