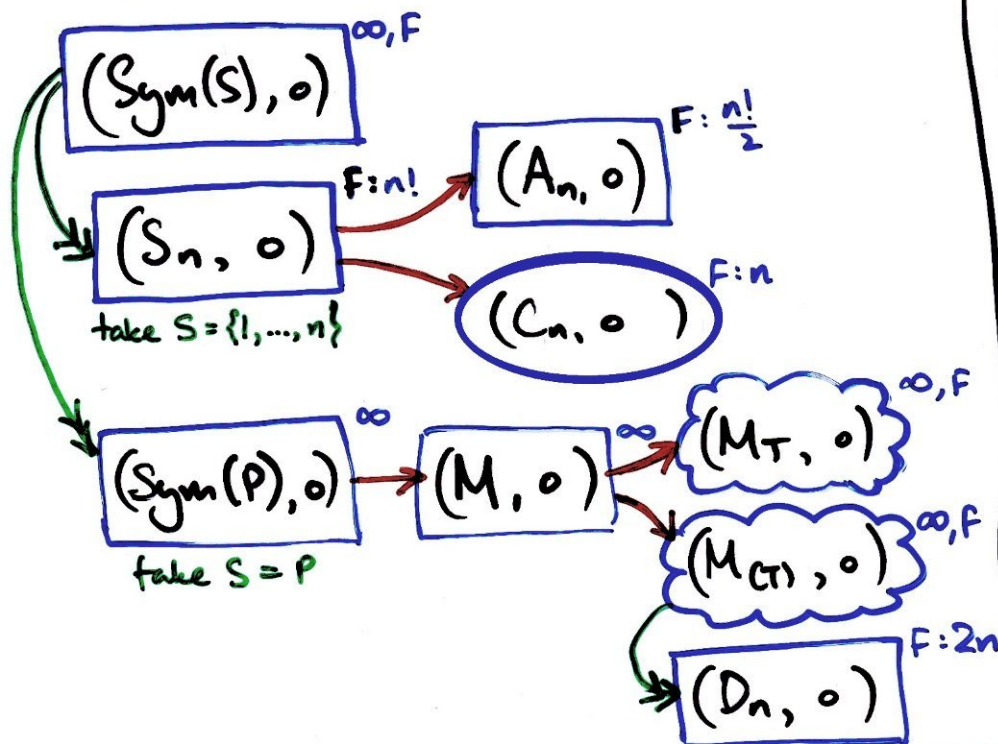


EXAMPLES OF GROUPS

PERMUTATION GROUPS

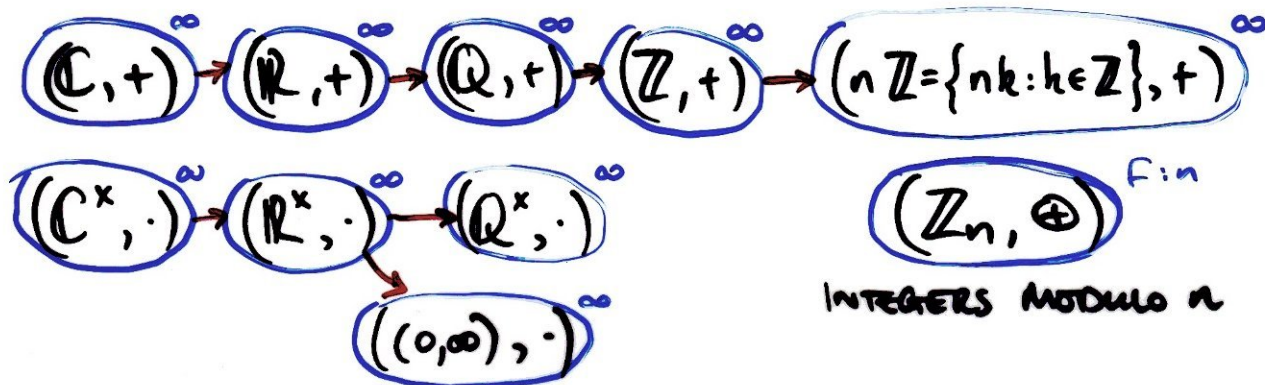


Key

- : non-abelian
- : abelian
- : could be either
- ∞ : infinite group
- $F:k$: finite group, order k
- ∞, F : could be either
- : subgroup
- : special case

take $T = Q_n$, regular polygon with n sides, centered at O , with a vertex at $(1,0)$

GROUPS OF NUMBERS



INTEGERS MODULO n

GROUPS OF MATRICES

