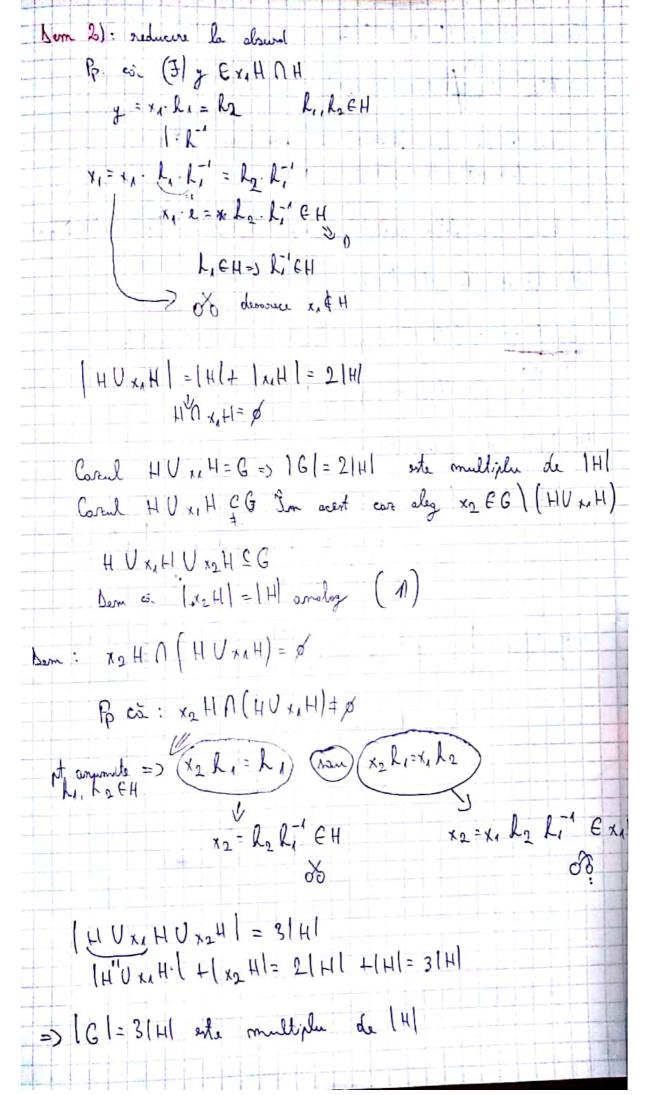
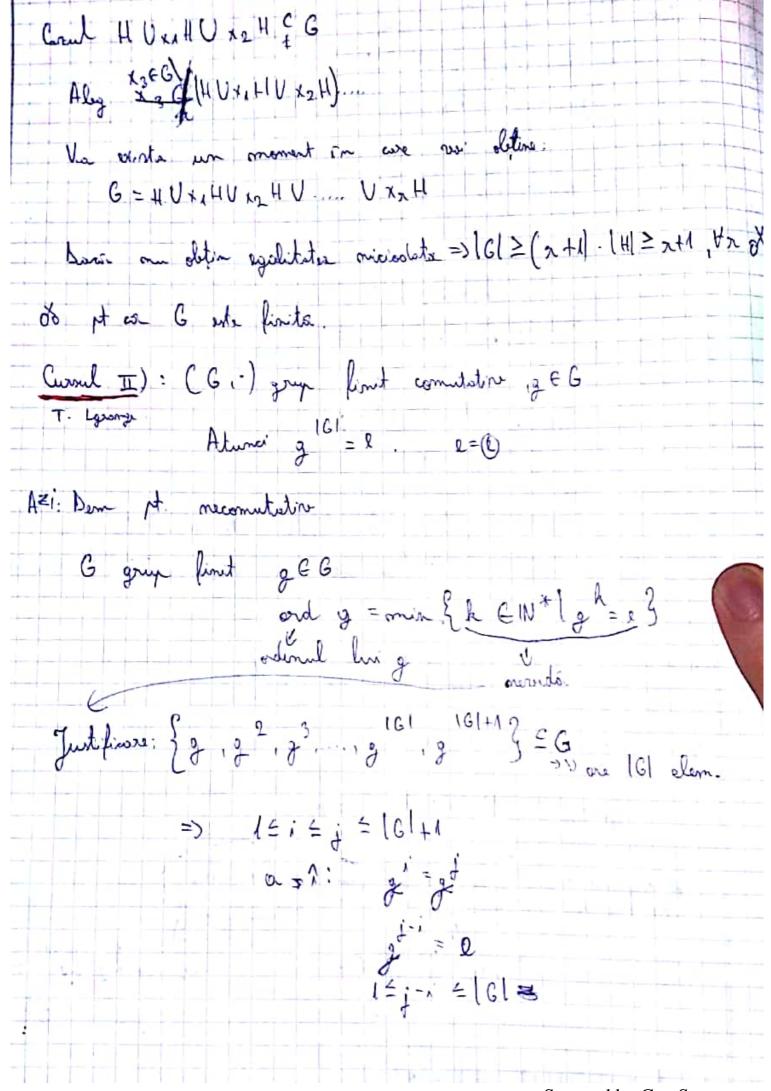
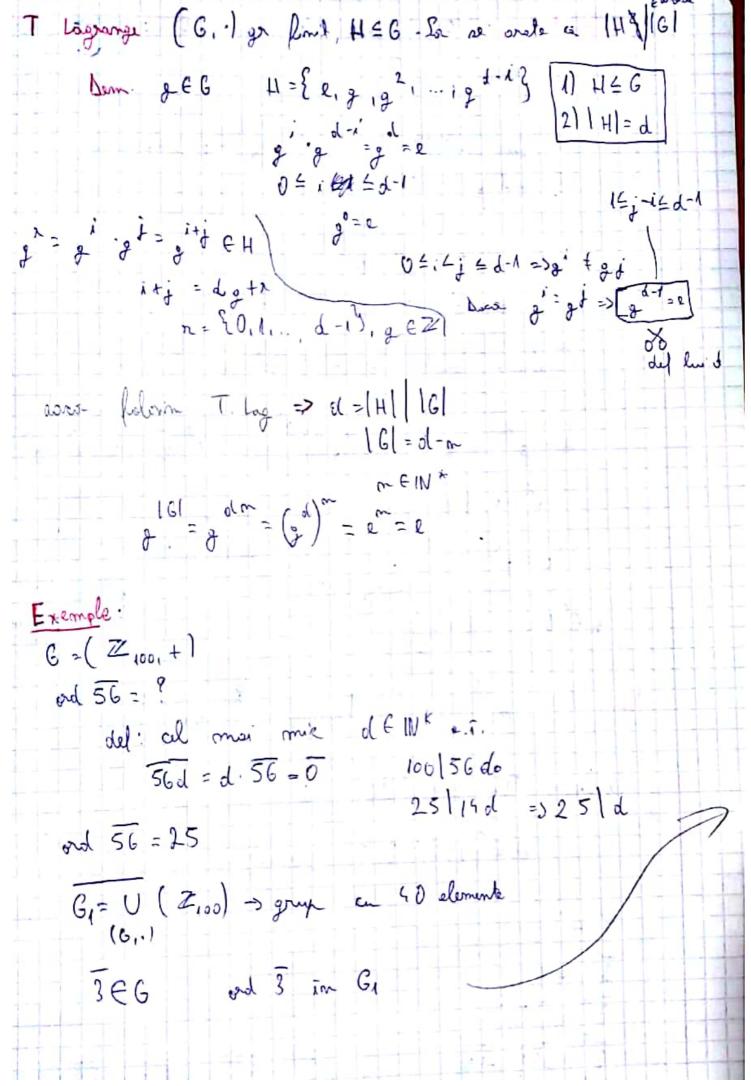
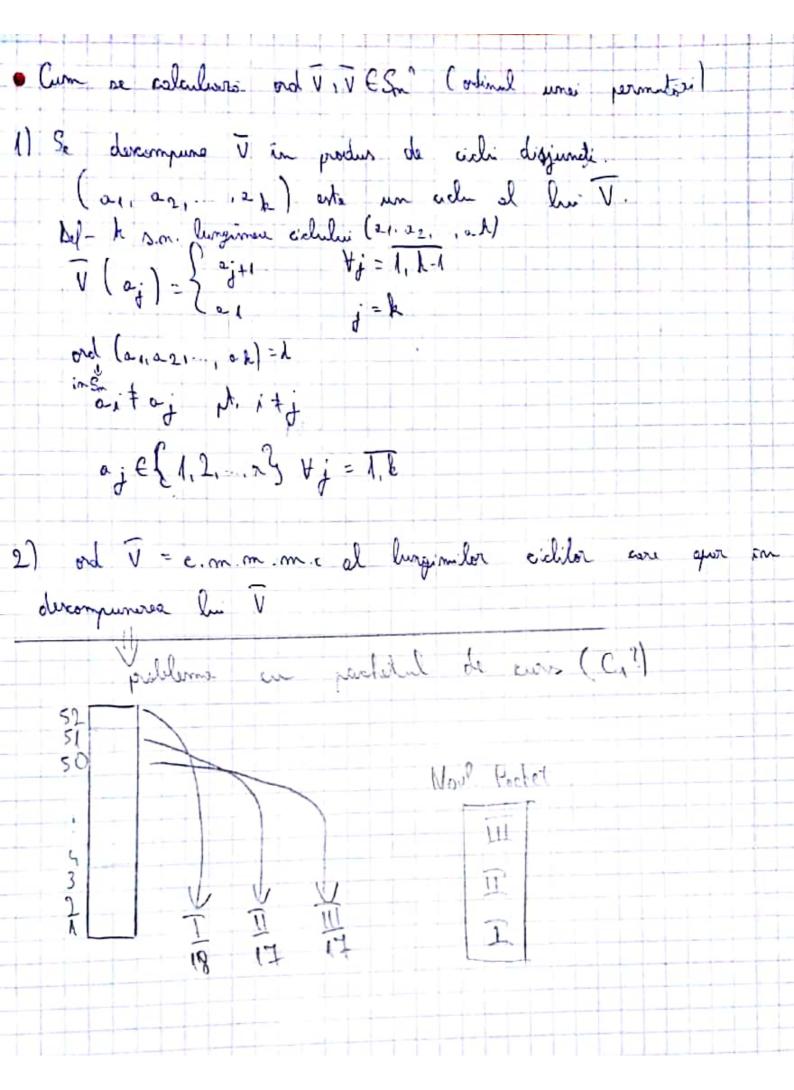
```
10-11-2019
                CURS 6
Definitie: (G. .) grup. HCG
          H s.n. subgrup al lu G (se moteoria H ⊆G) docs
        1) + x,y CH=> * + TEH
          5/AXEH=> x-1 EH
Scop Terrems, lagrange: (G,.) grup finit, HEG. Size exote
   co. 14/ 16/ Coordinal H Sivide nordinabel lin G)
 Demonstrate: Does H=G enuntul este evident ala
    Pp. co. H CG. Alog x, CG/H.
      Consider multimer x,H= = x, h h H H }
      Demontrozz ci. : 1) | XIH = | XEH |
                   2) x, H N H = $
       Dom D: 1: H-> x, H, (1)=x1. L
              mujectiva.
              Arrit co- 1. este inj.
               L, L2 EH a ? ((L1) = ((L2) => L1 = L2
                  x1. L1 = X1. L2
                Lx= x1 · (x1 hx)= x1 · (x1 · L2) = 2 · L2 = L2
                  a. h. = (xi' . xa) . h.
              |H,x|=|H| (= soustactiol.) (= jmi.) (=
```







Scanned by CamScanner



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