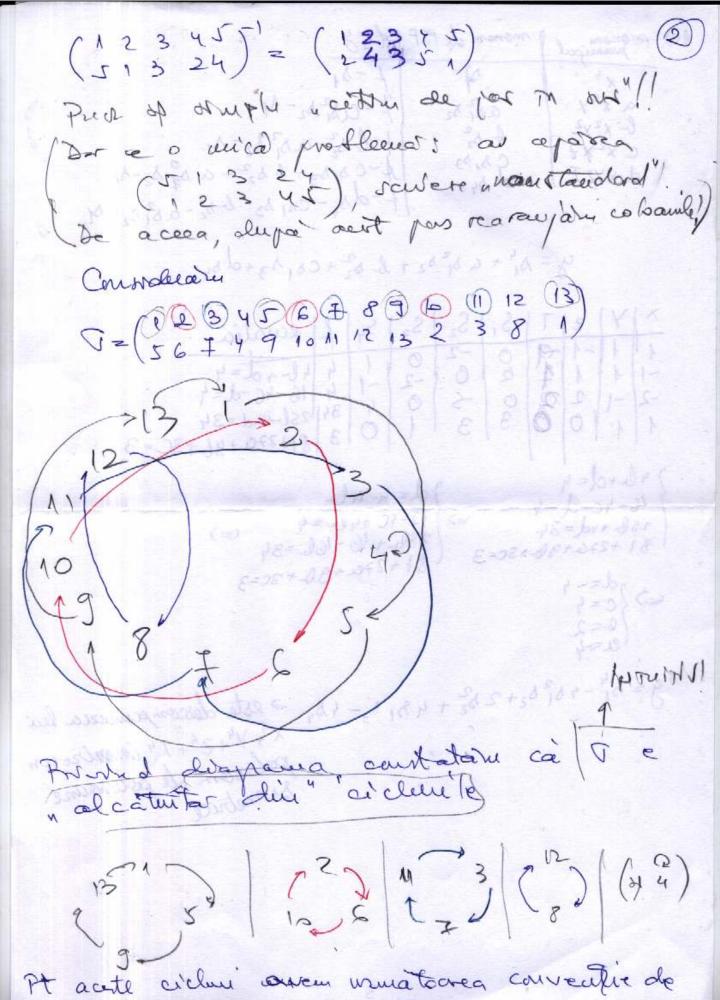
## SEMINAR 9\_132

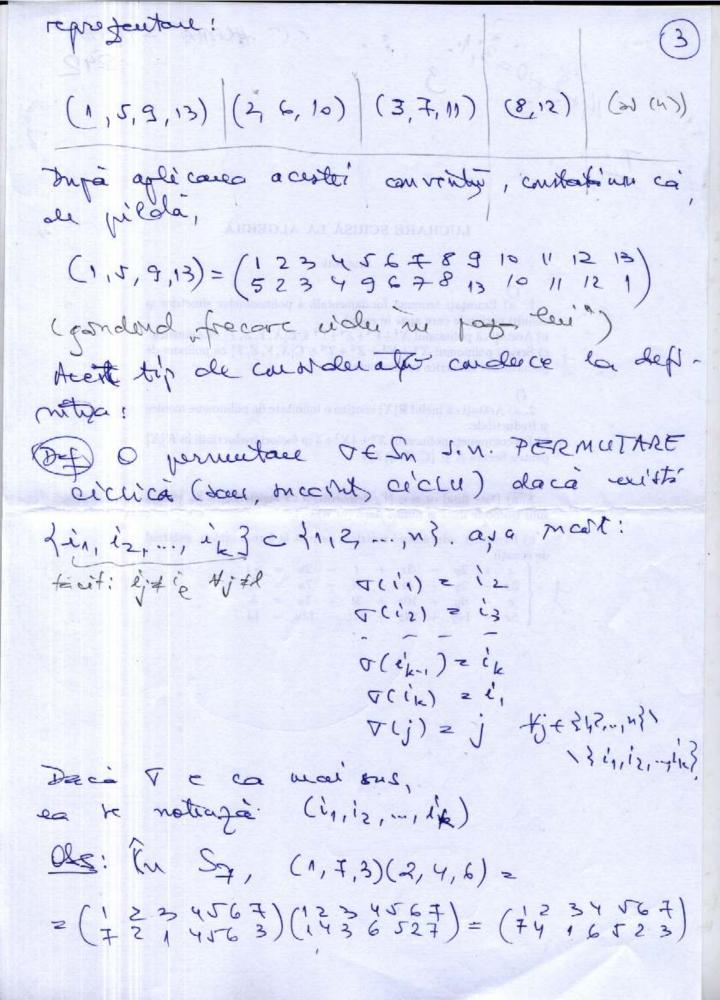
Folosin frecisent fermiennel de PERMU-TARE à uner mutain A poutre à desem na o function bije Avis : A -st. Netard S(A) = \f: A -> A: fe bljectluci? (S(A),0) este grup. El s.n. GRUPUL PERMUTTARlor The casual particular An= 31,23,..., n3 (new\*), SCAm) de notegtai cu Sm Dupa cum stru de la brew, elementele hui Si se represente frecvout ma forma (ous mossimorus) D. ex., m 58, 4/2 attas (1) se repreza to

2 2 3 1).

(32)(23)(123)(123)(231)=(123)
Petofoleauna and compuneur pumulable deside
and, LE APCICAM DE CA DREAPTA LA STÂNGA!

(cà (fog)(+)=f(gco)), deci, pulma lu cuozo g')





Cors: [] Oulce permetere VES, de (9) soule, in mod muc Colaçã facem alstrac. the de ordenea factorior), mis forma de produs de ce'cleur desg'ancte Bosempler: Con Wolevseen pennetores  $\sqrt{3}$  4 5 6 7 8 9 10 11 12 13 )  $\in$  S<sub>13</sub>  $\sqrt{2}$  4 12 9 10 3 2 48 7 6 1 4 13 )  $\in$  S<sub>13</sub> a) des comprisets o m produs de cide dés-Sel: 02 (1,5,3,9,7,11)(2,12,4,10,5) con : [] devce pennetare TES, de serve an produs de transported (cà reen vorda: LOVANTBOFILES SCICOR que prombons 5) 6) Des compositos o m posdus de transpaseto! In S: (2,5)(5,3) = (2,5,3) (a, b) (b, c) = (a, b, c) in Su: (a, 5)(b, c)(c,d)(d,e)z(a, L,c,d,e) Moesla: ment-est he-sen co 1- ent gt es-ho + 2 (08s) The Sny + + 8 = - 8 & - 8 + 9 = + 5 + 5 & + 7 & - 8 (in, iz,..., ik) = (in, l'2)(iz, iz) --- (ik-1, ik). 

Ent: 25 (1'2)(2'3)(3'4)(4'4)(4'10)(10'4)(1'10)(10'4) c) Letenulateri monatara! Sof: Desp e in royala so from ces (m) huce) " (5) E(D) = E((1,1)) · E((1,3)) · · · · · E((10,61)) = (-1) = -1 Curs Prof Ovice transposible e permutre imperz! d) determinate i ordinal! cues Fragel: Daca C1, C2, ..., Cre Sn truit ceclour displanche, atuaci ord (R1C2...Cx)= 2[ord(C1), ... ord(Cn)]. ols: lu sx: C met (3, 2, 5, 1, 6) C=(13,5,6,2,1) 0=(3,1,2,6,5) Old: Ca sà vide'c un cècles da justerca C=(3,6,1,0,2) Czse p, JL PARCUIRC 811 & M & W. COROLAR: Cars: Orderal or comi vidu
coinciale a dungmeas. In: ord(7) = [6,5] = 30. Calculate Jors

Sel: (2023 = 530.67 +13 = (30) 17 13 = (6)

2 e 67. 0 3 = 0 3 = (1,5,3,9,7,11) (2,12,4,10;6) =

2 (1,53,9,7,11) . (1,55,9,7,11). (2,12,4,10,6) ]?

1 (2,12,4,10,6) =

2 (1,53,9,7,11). (2,10,12,6,4)

2) Regolizar in for eventual x = 5.

Sel: Prempmen a are delute; frex

ma din els. Atunci:

1 = 6(x) = 8(x21 = 8(0) = -1, contradictoe!

N= ε(x)<sup>2</sup> = ε(x<sup>2</sup>) = ε(σ) = -1, contradiçõe! Raheane, deci, cà ecuatida data nu ace teluto in S<sub>13</sub>.