SEMINAR 10_132

1. Rezolvato in 5₁₃ ecuatic not 5 4² (12345678510111213) 4² (51211109783132641)

T= (1, 5, 9, 13) (2, 12, 4, 10) (3, 11, 6, 7,8)

 $e^{\frac{1}{2}} = (1, 2, 3) (5, 6, 4)$ $e^{\frac{1}{2}} = (1, 2, 3) (5, 6, 4)$ $e^{\frac{3}{2}} = (1, 6) (2, 4) (3, 5)$

 $C^4 = (1,3,2)(5,4,6)$

 $C^{5} = (1,4,3,6,2,5)$

Set: Tuturcait e produmil a dona ciclusi de leugine 5, de leugine 4 4 abuniciclus de leugine 5, descà tre patratul vicunei puriuntani dei Siz, aceasta treduie tà contra a mitte (adica macar mul.) ciclusi de leugine multiplus de leugine multiplus de leugine multiplus de leugine multiplus de leugines multiplus de leugines sons de leugines de leugines sons de leugines d

Der garduder-ne m 5, mi " may " ciclusi
el leng. me multiples de 4 man lenger de

12 relevateuts. De plus: - Cècleudre de 10. 4 dans prins vols'aux la prè trait produser de dona cicleur de 19.2;

- ce'cleue'le de 19.12 dans pring vidé. 2)
care la patral produce de d'oua cecleur Ca armaer, moma pontilitate prentur o femulace a ca prin Nolicace la po-For si dea V cette ca & sa fre prodant a dona cicleui détitue de leu-grui 8, reporter J. În plus, cicleul de Humine of tredule to aila' ca ordita) 31,5,9,13,2,12,4,10}, ia celestalt を 3,11, 6, 7,83. Noticed A= (A, az, az, a4, a5, a6, az, a8)(3, b2, b3, b4, tr) 3 die 22 V of Duem J=(1,03,05,07)(02,04,96,08)(3,63,65,64) de u'! a3=5; 95=9; 97=13; (92,94,96,98) z (2,12,4,10) 4 b; 21, b5 = 6, b2 = 7, b4 = 8 5 # £ d (1, 2, 5, 12, 9, 4, 13, 10)(3, \$\frac{1}{3}, \$\frac{ (1,12,5, 4,9,10,13, 2)(3,7, 10, 8,6), (1, 4,5, 10,9,2,13,12)(3, 7, 1, 8,6), (1, 10, 5, 2, 9, 12, 13, 4) (3, 7, 10, 8,6) Stary

L'asterna cà frecare permutare xel 3 ave mt -adevar proprietatea x2 = v. Ca urwar, volette ec. date et J. Courideian permentanea S 3 0 2 (1, 3, 5, 2, 4) (5, 8, 3, 4, 6) (10, 3, 11, 2, 8) · a produs de cident disjuncte: J=(1,3,11,4,6,2,5,8,10) · 53= (1,4,5)(3,6,8)(11,2,10) · ord(1) = 9. · ord(1) = 9. · ord(1) = 9. · ord(1) = 9. = (1,8,2,4,3,10,5,6,11). Determinate Hom (E6, S) of Hom (S3, E6). Pecetre detalicea convoleratulor prostoace la S3, Nom note p2(1,3,2) & T=(1,2).

Dengmy p3=e; 0=e N Opz(1,3) = p3. Sol: Fre fettom (Zo, Sz).

Cat e kerf? = Ash e o nitresere ce
contiture un some punct de plecase pentres
supohrare! Daca ker f = Ec., atun u' f(ce) = e talete

· Daca kerf = 2 Zo, atura, intract Daca dlm, 老m ~ Zd Atmeci, trume Muf & S3 & limfl=2, exists o transpositive to aga meat Muf=3e,23. Atmai frô)=e + frî)=2; cum f e nurform de grupum frâ)= }= }= a e per Se rewfred meddat co f de mæi mo e morfren de grupmi ; il notein en fo · Daca ber f = 3 %, atma , cum Es ~ BE = Ec ~ Nuf, crew Mufters, Atura poten aver f(6)ze; putem area f(1) = p ram f(1) = p?

Drea f(1) = p, atma f(a) = pa se, acto, if
p, activity Hatson accente functione for activity of a

Malog, la cé f(1) = p² atuu u f(à) = (p2) = p2 +acE. (e conect def, cà ci daca à 25, b-a:6, alla Dkez beatek 4 arreer 2(a+6k) 20+82 pa, 63, 4K 20, e 4k 30); note un a coarte funde en for.

« medelat ca e montom de grupmi. weed kerf= BR = {0}, atuna E 7 = 3 | beef - Muf, due! Muf: e ciclic

I Muf 1 = 1 = 6. >

Muf c Sag >= 1 Muf = Sag >

1531 = 6] S3 e ceclic - > S3 e countille, de The card in revista capulle studiate man man gassin, on notatale autovoca, Hom (Ze, So) = { fe} U { fz : & e trango from } u & fp, fp2}. Determinary Hom (S3, 26)