Seminar 1 - multion EX1: A= 1/2 = a+1/a ER 1/2/5-B 1/2/5-B Ex2: 31/1+220 (51/1+1)=151/1+11 Ex3: Det A, B, AUB = A, 59, A & B& - 4, 31, A OBA 1343 Seminar 2 - Brincipul muller is Excluderii Ext Pm/pm22. Exz. P.M. A. Ling, J. Surg, J. Beig Ex 3 AC J:M.>1R, Jan J. Lung. Seminar 3 - Tunctii) tx1: 1: A>BAC fe swijes g: B->Aaû fog=1B Le ray (=> gj: B->Aaû hof=1A. Ext: AC Mu exista f: R->Ray Bogs 1 f(x)-f(y)/>1.

Seminar 4 - Relatii de echislente Ex 1 x ny Ex 2 3 x = y 3 y. Ac v e helde echiv. = calc 1Rh, det SCR, e binodef

LE 1 - E 1 + 1 = E 1 + E 1 + 1 = E 1 + Ext le Calef a y x y (=>/2/=/y/ Ac a e rel ale eduir ELL XPX ED XDB-YDBAC Pselechiv A TAJO ESTE IN DIJ ON TRA Seminor 5 legi de compositor, grespesse EX-AC. Q grup Seminar 6 - 2019 = (mod 100) EX1 2019 = /mod 100) Exz - x + y = x + y Al + e grup abelian. Ex3 AC xugs lui (I, +) sun/submult n/

Sernioner 7 Compron of izomorfe Ex 1 Ac , x = 1 e abelian Ext D(Tg) DU BECC/24-13, / Suntiamos Seminar 8 - O dimul muni elem. on certextent demender outly, of EX3,4 Od (in 4 In Moco, +); Cum se face ash li-Ex3 Des elem de od 8 den 46 × Uno-Servinar 9 - Permutari Deminion y - verminion in Les 1 - cicli dissi, son (c), 2017 sol (V), o, totale perm 22 () Jeen soa (side pour dood 35. Seminar 10 - Permertari Exi-cididisj, Pamp, SMG1, C2020 to te perm Zai 23-p, od P-9, porte-fi pom peso? Ex2 7=(12/34/56/78), 22=17. Pez ec Ex3 2=(12)(34)(. 1910) Exista un n-ciclu où z=17

Seminar 11 - Comertari - Laclu, Ost Ex1 ma de permain Sq, aro se soriu a prof. de 2-cicli digi. 22 ordin k-ciclu (1/1/13)/1/2 23 Ac Su e grand de Daux (12/23//hy Seminar 12 - Inele, rollale, lima Chimera EX14-07-6,6)[Ez Calc iolealele 182+(2/1032)= Exh Ac f UiJ > Z f(a+bi) = a+b esteum morfism de inele. Ex5 Det. idealelle indulin godin direct ZXZ Ex6 g=a.m+lot.msit=? Ext Col mai mie ne natnimp la 5 rest3 M: 7=205/2/M:3205/8. Somina 13 - Tearenna impai rest EX5 AC- X4+X3+X2+X+1/X44+332x22+X4+1 Ext Rot. ec. (x +197x=5

Serniore 14 - Zomorfisme de inéle ExiA com even ison alt 2 Car- $\frac{1}{\sqrt{100}}$ $\frac{1}{\sqrt{100}}$ $\frac{1}{\sqrt{100}}$ $\frac{1}{\sqrt{100}}$ $\frac{1}{\sqrt{100}}$ $\frac{1}{\sqrt{100}}$ 2100/25 este izelutionalina