Algebra - alt text de viptat eichi dinjuncti 01,02 => 01002=02001 (da, a2,..., dK) = 0 -ordinal unin ciclude lingue 16 este 6 J= (a1,a2,..., ax) eich de lugino ka ~ ~ (a,) = ? m= kgth, 2,2eN, rck Demonstratie formula pt or direct une permitari Fie men , as. o'm=e =) om(ai) = a1 = a1+2 => 12=0 0 = (~1,02,00, ak1)0(b1,b2,..,bk2)0. ci du diginati comita m= K: 91+2 (=) K1/m

Repet argumentul pentiu-fixeare eiche case apare in Jercompunea hi o, Kjlm a) [K1, K2,..., Kt] [M3) 2) [K1, K2,..., kt] ≤ M Trebuie na demontian ca JK1, Ke,.., K+] = 0 "- [K1, K2 | ", Kt] = K1.a, a EINT [K1,1..., Kt] (a1) - (TE1) (a1) = 91 La fel penten toate k1, K2, ..., Kt (6,0) geup (H,0) outsprupal lini G Se numeste subgrup morrial al lui 6 (H & G) Daca XXXIEH, txe6, het NUME PRENUME

ABCDEFGHITKLMNOAARSTUVXY2)-pom

= (GICALEXNORUBF... Terna 1.- alegen door un premume Soviem literel ramore Clixicografie) 8+ H

4

Notain on the magazine generat de v. Cercetati daca the ste subgrape mormal.

2. C permitarea associata - PRENOME NOME

Cercetati daca se intampla armatorul lucru: FXES26. al. XTX = Z 3. Ganti toate ne prime p, g, ontfeliencet prof (42) (p.2) \ (4P-2P)(72-22) Obs (6,0) your comtativ, atmei orice subglup (t,0) este subgrup mormal. (Evident) $(1,j)^{2}(1,z)(4,\beta)$ (tet,0) <u>a</u> (6,0) $(6,0) \triangle (6,0) \qquad \text{limb - particles of All}$ # necombatativ + fet is + fet is + Exemple 6 # 2 \$ 3 subsquip grup necontation on believe Subglupurele luis 3 - H => 14/6-{1,2,3,6}

|H|21 2) H=48- 1H=6(=) H=6

3/

1 1 1 1 1 2 1 1 1 2 3) majorder of so subject of Se numerte transporde un cich de lugione? $H = \{ e, (2123) \}$ $\{ e, (42) \}$ H= 100, 13,247 -11,000 [A=3H=fe, (1,2,3) (1,3,2) } # = fet H & f 67 mormal Le verifica mai pe alelatte $(1,3)^{1/2}(1,2)(1,3)^{-1}=(1,3)(1,2)(1,3)=(132)^{-1}$ (C,0) glup felult (H, e) rubgrup al lui G me existà alt subgrupal lui to care sa aiba acela, m de elements ou It 15 on its Atma of 1 2 6 cm seld - 1 my miles 416,2700 自己自然 的 一种一致人们一种

H= 4xhx (heAf 2x Hx-1 Prempu 77, C H (x, h, x, 1) (x2 h2x2) 2 x, h, x, x, h2x2 = h, help he H Let fil of h = x hx1, the # = 1x41 e my ediva 1 (h1)= f(h2)(2) X h1/2 = x h2 x P) (2) Mahr 2) fingétiva 2) fhýstiva 2) [H] = (H) => H=H => H rubglup normal Proprietate (6,°) sup ni (H,0) misgrup =) 2) (H, 0) H D G (=) daca must ade or numar daca 1) H=6 HAG must echiraliste commatoriele 1) HEG HAG 2) x +x = +, +x = 6 3) XH=HX, YXC6 fitting y opened potaring them to tell

5/

XHX1= +XHX / A eHF XH= fxh / heth HX 2 JAX | Lett Demontion ca (1) => (2) (==)(3) => (1) (1) ->(2) H \(\sigma\) 6 XHX1 = H. (a) (x1x) H(x) X = x1 Hx (xxe6) =) (t < x tt x^1 (b) (d)(b) = 0 $H = xHx^{-1}$ (2) =)(3) evident ... XHEH (3) =) (1) XH=HX=) XHX-1=H. comider whe xtt => xhe tx (2)xh = h1 x(2) (s) M1 = X y X-1, Axe 6 3) HA 6 Rol Indamental Engurp lactor

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