```
3612 zou ceager ye in onegotopa bjøjend Sozacast.
Teopera Heson A - vire, onep. Courier. Guer. mg. V mag noven F;
  Bi=losor-, ont, Bz = LBs, bz --, But - gla Somen morroyy V)
 F=(di)in - more represent by sorry by go bz
 oneposopy to borni be bignobigos mornal A= (20):11)
    a Boorna Bz _ morner B= (fis)inier
 Togi B=FTAF.
Dob. 30 ga. erosp. nexerosy
       B1= Junos+d21 ozt- + Junon,
       62 = dizas + dzzaz + - - + dnzan,
       On = Lanor + den Ozt- - tonnou.
Ropernes report & - in. onep. no np. V former, yo
Flow= bc, Flow= bz, ..., Flow= bn.
Onepation & some neperogene Proque, a rolly icrey & orepresent onep. F-1.
Mpn yearey 5-1(bx)=05, 5-1(bx)=02, -- F'(bn)=0n.
B Topic Be onegotopy of bignoligas economy F, a vocey
 oneja ropy Fi - entyme Fit, a volly oneja ropy Fift
 Da gobegenere piknochi F<sup>2</sup>AF=B gochatrero nouagabu, ugo
 wayned F-1 AF
spansurses & Soznii Be onepatogy F-1 & fignolipas ecogeny B.
 Trepeur (F'AF)(ai) = (FTA) (F(ai)) = (FTA) (Bi) =
 = g-1(A(bi)) = F-1(silet + Silet + - + frill) =
 = Bii F 1(Bi) + Bzi F 1(Bz) + ... + Bni F 1(Bn) =
  - Brias + Briar + . + Brian
 Toumer rustou, i-un crobwent enspris FIAF combrogue
 3 i-un cookwar non carperyi B.
 Tony FIAF= B.
Ozn. Det vlogp. uspung Ai Bz eleversonen z now F
  ognousboro nopagny teoz, nogistuleu, zungo icrey 6
 Trua neho pogonesco ub. leatymy T voco on nopogny
 400 B=T-LAT.
                             uso eestperesi riviinterco oregasogre
Ocovers respeller nous zer 6,
```

l'izrene dozeroc nogistici.

Ozu. Divinimo grynagia f(x,y) red sp. V nog noven R noz. cure purnoso, gungo $\forall x,y \in V : f(x,y) = f(y,x)$.

Trungerano V-cainenobacioprenia aprotio at, 22,..., an-gerania isono gineoborenia sozare. Togi Viji=1,n: flai, ai)= flai, ai).
Tosso ecopage camerpureroi siriniareoi apprunià le dogaci camerpure.
3 pozgine, up no aportopi pozeriprochi a V camerpurera realizare nopagny a zoyat camerpureny siriniaren apprenento.

Oza. Diinima gynusia flx,y) rea up. V reag novem & regulationa nocommet previosa, sungo Vx,y & V: flx,y = - flxx).

Ozu. Choquero cearpage A regulation aconcerparsion, sues A=-A.

Reproserve fa, y) - no-concert porter districte gypragid
no cuinverebleignous best operagy reportopi V, as, az, ..., an - gomen
coincobarem dozne upoctopy. Togi Vi, i=1, n; floi, ai) = -f(ai, ai).
Tooko b V bozne no concert portein distriction generali bignobigue
no concert portea leos pays.

3 pozulico vorlore, que reconstrurreor Sirvinireor appregni Vx6V: f(x,x) = 0.

Docignenso gobilereoù Siriniereoù oppnyoù le nestrouseoù ve preguinni zbognere ap gorigorieneo curesporseoù ve vorannes persoù Sirinierent pyresejiñ.

3 pagyino, upo 3 divinimi grynagis, qui see & cultiporsenten con

Heran fant - gobilera dicivimo gryn ugil na npocopi V.

Noneogeno +x, y 6 V: y (x, y) = 1/2 (f(x, y) + f(y, x)).

Occinen ages glor Silvin nux grynegin & Silvin now appreções, a roman gosyson Silvinanos grynegis rea girene raceo & Silvin novo grynegis, vo g (x,y) - Silvin res grynegis.

Tyn years $\forall x,y \in V$ g(y,x) = g(x,y), rooto g(x,y) -cerestructed Scrivinire grynuyil.

Doci, nomogen Vx, y 6 V: h(x,y) = \frac{1}{2}(f(x,y) - f(4,x)).

Togi hw,y) - divisiona appreción à Vx,y oV: hly,x) = - hlx,y).

Tobro (14,4) - nococuerporo Sicintièrea apparent.

Tourney &x,y &V : flx,y) = g(x,y) + h(x,y).

Jounn rance. & Siining pyrugil & cyleon geruir cululyuranoi
va geresi nocommerpuracoi Siiningera pyrugin.

3.
$$Q_{4} = \{1,1,-1,-1\}$$
 $Q_{2} = \{5,-4,7,1\}$ $Q_{3} = \{5,-3,5,1\}$

$$Q_{4} = \{9,-6,11,1\}$$

$$Q_{5} = \{1,1,-1,-1\}$$

 $9(x')^{2} - (g')^{2} - 9(z')^{2} - 4 \cdot (-\frac{2}{3}x' + \frac{1}{127}y' - \frac{1}{3\sqrt{2}}z') + 6 \cdot (-\frac{2}{3}x' + \frac{4}{3\sqrt{2}}z') +$