Paratal inintero repetilopeano. Herau VI, V2 - Dea np. nog novem F. Bigosporenne A: Ve = Vz reoz. iinimmen bigosporcurren, grap funosyrosso gli guchi: 1) Ya, B G Vi: A (a+ B) = & (a) + fe(B); 2) Yack Yacf: A(do) = L A(d). 15 yuotu evonoca zociscara ogsicko: 40, B ∈ V2, 44, \$ ∈ F: £(da+ pB) = 2 £(w) + \$ £(B). Aung morroger chibnogorott, rooko VI=Vz=:V, so initre Porospoonense ft: V-V noz, circia recu reperbonenson Censoperso ngornopy V, als inciviene onepasopare na njornoji V. Optoronoleni onego roju On. Nin. onep. It rea Cherity. np. V 408, opto ronolevence, June mon, onepotop opronomenen, suns bise zoeproc and pued goly For. 3 ogravena optoron. onep. buneabas YxcV: $(x,x)=(\pm ix),\pm ix)$, rate $|x|^2=|\pm ix)^2$, $|x|=|\pm ix|$. Tourer researe, afor onep. 3 Sepiras golnemen bansopile. Occieve uper som bin zbepisoe evalpreen godgson, so bin zbepisoe i vytu eine beuropoleer. Beodubodi optoronoleruse onepotopil. 1) Nin. onepasop A sea elen. up. V optoronoleveni, mengo Totro oneposop oprovonolenen, suns lin zsepira 6 gobacuru benozile. 2) Beocsii rucea opportoroccuso oraquesque = ±1. Boef. Ziji bi beocrabori burenbut, ugo beocni rucka in o grovon. one jo ropo econeglo Sytu encue 1 i - 1, al beocrus ruces econe i re Syru.

3) Beacoi benogn opporon oreparopa, ceso fignoligarosto figure beaconer ruceau, opporonousieri. 4) Minimum onep. 6 cuins. fulliproley elser, up. aprovousements E bise opronopueobonum dozue repetognolo la optonopecobarción Baylo- 3 ochosesson beochuborn bunlubus, uso oprocon. onep. Cainer. buen. njourgii Some nepeloquel & Soyac. Use oznorat, uso optoron. onep. nebupogsulsuur. Tosto go oproron. onepusoper zobsnyn 3 orepreseen. 5) Nin. onep. It na cuinr. bau. ebut. up. V opposonalireui (=) Oza- Boggarra ecopus A z ginnenem eleventralen tuz. optoronollenoso, anyo ATA = E Toure unou, ceap. A optoroxolesso, succes $A^T = \overline{A}^{-1}$ 6) Nin. onep. It & cainer. beer. eben. np. V oprororesterein & E 6 opronopreobarous Sozuii irorey bignobigas oproronolerea reospres. 7) Heron niegrap. L' cuiror. ben. eban. np. Vireba proservenio bigho eno opiononolareoro oneparopa A. Togi nigra. L Tollone inhapiontrum bigreocno oneporque A. Beochalochi opporonalloreux les juiges 1) Kloggatira ecat prog 3 ginereeuen elelevisaten aprosoverlana (=) E is pagun ysbopsonos opronopreobary censery bestopil. Hodiyon Hoggavino marquel 3 ginerum el gosonolomotes E ti cobwinen gob. opronop nolareg an reneg bensopil. 2) Hogyib bezvorrena opporonalerar elatjergi = 1. 3) B cairor. Luce. Bueig, up. cert pure repeating hig opsonopiedo noro Somey so optionopiedureo suzuey opsoronaleno.

3.
$$x = (x_1, x_2, x_3)$$
 $g(x) = (3x_1 - x_2 + 4x_3, x_2 - 2x_3, x_1 + 2x_2 + 4x_4)$

3a oznovannem, $g = \text{chiāmmin one parnop}$

G($\lambda a + \beta b$): $\lambda G(a) + \beta G(b)$.

Hexai. $a = (a_1, a_2, a_3)$ $b = (b_1, b_2, b_3)$

G($\lambda a + \beta b$): $2 G((\lambda a + \beta b_1), \lambda a_2 + \beta b_1, \lambda a_3 + \beta b_4)) =$
 $= (3(\lambda a_1 + \beta b_1) - (\lambda a_2 + \beta b_2) + 4(\lambda a_3 + \beta b_3), (\lambda a_2 + \beta b_2) - 2(\lambda a_3 + \beta b_3),$
 $(\lambda a_1 + \beta b_1) + 2(\lambda a_2 + \beta b_2) + 4(\lambda a_3 + \beta b_3).$
 $\lambda G(a) + \beta G(b) = (3\lambda a_1 - \lambda a_2 + 4\lambda a_3, \lambda a_2 - 2\lambda a_3, \lambda a_4 + 2\lambda a_2 + 4\lambda a_3) +$
 $+ (3\beta b_1 - \beta b_2 + 4\beta b_3, \beta b_2 - 2\beta b_3, \beta b_1 + 2\beta b_2 + 4\beta b_2) =$
 $= (3(\lambda a_1 + \beta b_1) - (\lambda a_2 + \beta b_1) + 4(\lambda a_3 + \beta b_3), (\lambda a_1 + \beta b_2) - 2(\lambda a_3 + \beta b_3),$
 $(\lambda a_1 + \beta b_1) + 2(\lambda a_2 + \beta b_1) + 4(\lambda a_3 + \beta b_3), (\lambda a_1 + \beta b_2) - 2(\lambda a_3 + \beta b_3),$
 $(\lambda a_1 + \beta b_1) + 2(\lambda a_2 + \beta b_1) + 4(\lambda a_3 + \beta b_3)) = G(\lambda a + \beta b_1) =$

Omerce, $G(x) - (\lambda a_1 + \beta b_1) + 4(\lambda a_3 + \beta b_3) = G(\lambda a + \beta b_1) =$
 $Ag = (3 - 1 + 4)$
 $Ag = (3 - 1 + 4$

Y(a3) 2 (4;3;-2)

 $\int_{1}^{2} \int_{1}^{2} \int_{1}^{2} \frac{\psi(a_{3})_{z}(4;3;-2)}{\int_{2}^{2} \int_{3}^{2} \frac{u}{3} \frac{u}{3}} \int_{1}^{2} \int_{1}^{2} \frac{u}{3} \frac{u}{3} \int_{1}^{2} \int_{1}^{2} \frac{u}{3} \frac{u}{3} \int_{1}^{2} \int_{1}^{2} \frac{u}{3} \int_{1$