****

X= -93 D= 660980417017

A= (-3556667787060329867417370540551763537077350432954902235688 , 61256924977671784513464885016164206344501644869277527)
B= (10585753356193597079933191990473600500905050210360978592040649594075416152277178921650 , -1502284843892168955880511527785111?0
9687557724215522337901675807783841999622054867?)

J-INVARIANT

J= (-65276297460008928895779662802492139451521377809501669598405972123960605941887447777137?1461255894?1492780200008951?0?2?18056?83
4097135287587450?0 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (2165252?4894421?4?1?36?83852?04 , -2959242875252?17454?2852)
V= (1567455?85?7?04555?775?5?46598?44 , -1927966234?5?55?752284?22272)

MOD-P-VALUES

P	MOD-P	TYPE OF DECOMPOSITION
3	1	D

****

****

i= -171/2 D= 2559045770071S

A= (-8495518955452895697740812188005296495558812955510117931286105428848 , 3716511557385777304644507208591657821233989381865554995
588)
B= (3382805544617973835605773880205117050952506577605150626216692715834401964809202515376878619286720 , -2755289794640780287266
5002647499096767668776570170227819263653742725279740393800366828537)

G:(%#48[#N

C= (-8455817777[0698338483562002817058171465561505465928372284731006301045158581725939109780218503155574568954555264885842268022598
1819601787086398242685464955090951646240 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B*(G,0). HERE IS

U= (12253044880481885419228416027657A , -2378245653887887844272806866)
V= (5975819452766652672458812886467585869028 , -1852929854133114952587471437357088)

MU-P-VALUES

  B   MU-P   TYPE OF DECOMPOSITION

  3   1   D

****

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1= -78 D= 2810119550417

4= (-15738110738011950011230680114817079090776036568837614/285 , 92744291228784440930225758031C994133468643515752)
8= (10747125985003231052161678464631744193362552501954803336556e46641805725850234788017790 , -2256021706832720065422255532436117516741755618817587221480194468441650282704EB)

J-INAGEINT

J= (-6282505881000042964562037061576965923932244744624510858610111842649668835854525777021404267605285124078555356249577668116946258500786708487 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A DESCRIPTION OF THE TORSION GROUP IS THE POINT G=(J,K). WHERE IS

J= (5121542511252216e36752039559 , -1065517844510582292682B)
K= (24205493750029552703958633270B8 , -2655459258B9388403825C904)

MODEL VALUES

#	MODEL	TYPE OF DESCRIPTION
1	1	3

****

****

X= -1417/2 D= 80025991165315

A= (-407782970876316918341957366805233827401117764960443601024782488 , 1452254555901232842609272981410144853085558954773875889706
)
B= (467267087931239553629314600159683925176426216563557594372421598415959029605833882977469764729 60 , -1573156764226455327167892664
00554885815273640114738108924526654066017270418539501479186 56)

J-INVARIANT

J= (-28132103206596329180884202967785844091521825918935454122488813835235945192098278164482183671572209556105259011851282495652808054654666857960354570981285542686720 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (82378555030935831201515163550776 , -2897634866053462526581866)
V= (52806230458011177844686512269816702 08 , -1857418269794215356456193072128)

MULTIPLES

P	MULP	TYPE OF DECOMPOSITION
5	1	D

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B= -65                B= 64524652417

A= ( -66770553015848478469634110280243559597165558404566856B , 2628585672226166405562299621502909099167286290675I2 )
B= ( 93916212810011681796612548599004508796996594249149793725902869639374768149472O , -369724077809029751038106599057410092034601
279461925635216828736720235857q2 )


J-INVARIANT
-----------

J= ( -5964862949063785983782219870204591053298184564471182737466551261670860412171879811991225749142308914314956078459781940460388352O , O )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 10549135275684226295888I284 , -6152924393762150716Z2 )
V= ( 47157198005745935044109821542O , -1855670766712117203566592 )


MU-P-VALUES
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  P            MU-P      TYPE OF DECOMPOSITION

  3            1               D

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T= -1112                D= 1938447185715

A= ( -5527402691010851668807335952472805884719201085068936328570528 , 3826503889398492451242818502585257965061770241176662641 )
B= ( 2116588134482919981837351658972851053675165502724400177178262173736225207061478806810000 , -1520250402617169271942614128392
41821001799850847951105928376650559674572647102259936 )


J-INVARIANT
-----------

J= ( -13608874677966069481798518785150308348722699756000021268275697038758086660957467888927372285232953244845557737587158709933382
5512840524193893216704962560 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 15 2.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 29797658450751710979433677277 , -21402038901425853478555146 )
V= ( 14985226317517552425509162104627450B8 , -10763075843906199502265078476B )


MU-P-VALUES
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  P             MU-P       TYPE OF DECOMPOSITION

  5             1                D


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D= -48 D= 12745742017

A= (-22230461052505794048520075350666775842886800094363 , 19690915478758907818475410932365441201889651 2)
B= (18042047268559396922815518552610725608945150062078201655239455080129084 70 , -15980974348016594460798017109305338553305618139813641869496355021568)

J-INVARIANT

J= (-7563718806528418259035961741912405130275346440208535275186885971934265 7/8078696306698002529041819714254788653454888796160 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 13 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V), WHERE IS

U= (60869542454372990616505 9 , -5591579933006167808)
V= (10516195059822875825698094 08 , -9157701841042304936544)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	:	D

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K= -81/2 D= 2065580004513

A= (-870071471404112952866142700935621780859791109292561307356B , 159771791045871936608058109761077152286910610921224)
B= (44176927225771033615277134623656860002264708996889182753436465578171955102856720795040 , -81122579226778719355002947068057198464
74217861232305789014844459466446320453216)

J-INVARIANT

J= (-2940567171085304603269380856403878289334186580166591961561391347288127979811545255/2745502714956174055025765318965299851415666
6252922377058641320 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (5808062869397890314180038374 , -699275410974402934562G)
V= (1389958347824445660101744629101568 , +255147046394018605998916300B)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

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X= -33              D= 1371003217

A= ( -1141214125147567153638912062406323721335260248 , 508210834595050066569556729205215682120?2 )
B= ( 209852341339164917934895419209120682268036557774054555224305378324?0 , -566753984555760246187106324150457301555345635515876620887022912 )

J-INVARIANT
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J= ( -1445311549202727512002157241380913659176402999690926435455591006971/1800866486257954294916556626427506079033344?0 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 13791387061269547144086 , -372467779966871642 )
V= ( 5180491926553712007355901 , -8611247753694760965?2 )

MU-P-VALUES
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  P            MU-P       TYPE OF DECOMPOSITION

  3            1               D

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X= -51/2 D= 19005828513

A= (-256419402041023111037008692953851763607799842865160B , 1859976607355693335689955916069616410255817458)
B= (2235061285759983120775159930277746159876007738092920408705026294952807948480 , -1421235239782842973408180321569355223674317787070903703549848626621 2496)

J-INVARIANT

J= (-1615772657551444020111014868205469218908417751158987725473408870913480593/5175296481949132679926190065512231046247954760586 4480 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (6553213077038523660835 74 , -4741944300306289580 6)
V= (1484562959895323241607045 59648 , -1076772646489172596257484 8)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

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N= -18              D= $7910017

A= ( -4411168556128864966288088743275396263 , 71643478613366814787926055560072 )
B= ( 5045053679749463767430055797650042059676558431888764350 , -8190616677764518473125713456676283715465219578306?8 )


J-INVARIANT
-----------

J= ( -254254103022131934397755952762029664126686291498879537/625664641050263413416154335163674624? , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 85745519887997959 , -139259355430588 )
V= ( 5305594446522027121?8 , -86170191918651586 )


MU-P-VALUES
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  P            MU-P      TYPE OF DECOMPOSITION

  3            1              D

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X= -19/2            D= 57618457

A= ( -6407519154010112523105356749587748384872   84412558516019049209343579096487032 )
B= ( 88287248291963569728955137232749244632842161932778717664960 , -116310030376574396327661427749559648666772000699563462 4 )


J-INVARIANT
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J= ( -68017383193499180173768544208533088125751550454018926 9/401776507417496018956837627095116948070 40 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 10554108720374260342 , -13614202754090 22 )
V= ( 85938464867550816805990 4 , -11054092292555612 0852 )


MU-P-VALUES
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  P            MU-P       TYPE OF DECOMPOSITION

  3            1               D
  13           1/3             R
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X= 3 D= 313

A= (2327667525280 , 131567546376)
B= (155144097000312544O , 87695080363196352)

J-INVARIANT

J= (6863591844180?/65303470080 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V), WHERE IS

U= (-277962 , -15716)
V= (-292750848 , -16547328)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

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x= 27/2 D= 331902289

A= (-7141062316736524765981259603922291035230 96 , -591974595652497066391252218574541328 88)
B= (32867880C3158375866928097157955228135999545498773588812016184512 , 1805026966123704672608384508164299855755355098894607956927 36)

J-INVARIANT

J= (11476:8440663734326982207194975459381936579957408565075607 29/690942844509173163100451660156250000000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (3445906506936686 07254 , 189366085621306 62)
V= (-47342140332111270000000000 , -2598619928810000000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

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A= 43/2 D= 5745904433

A= (-665969765230688347906506371883402417518782810 4 , -878567034716584493697567921972710355551180)
B= (29583180231904169519641502426135020365667135070644761235707550980576O , 39027044166779918183097846863160802920657837404442204562517358704)

J-INVARIANT

J= (92370941294692961031214772114352751650342781923972330730809852702623337845047731597528901158962441954303545617548769259520 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (333159114271301955281O2 , 43951578364649147B)
V= (-2525225047590805994480432128 , -5067508650918361540710 4)

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K= 29 D= 554464457

A= (-133254518131293911185105128763569498149464 , -565907027891374963600049453182147496 40)
B= (264780517261607977129269465290317418575551711154096480310806 40 , 112447355853374820720771397296640994910571913185005465196 8)

J-INVARIANT

J= (897767824578332802686470934081802045111246194076913450131223 7/1404700140600919015305320078448150141992960 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (1490271368370180083318 , 6528903908905106)
V= (-107855095653691802722304 , -458040428728875417 6)

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X= 75/2              D= 145149810913

A= ( -2530123172085675791885894824527783633395997687916984 , -668723021912669027591590081538056881803835607080 )
B= ( 219066317385006719920535708025687551553598968932278140542619199422109362140745 60 , 5799022058101802387472189836265425440695186
3716565244403497691107768563881 )


J=[INVARIANT
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J= ( 778461836365795133665123763100831820088118900621604738851548255385030039922955/5555981584568541260372405201276533140010739105
954907893760 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z AND IS 2.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V), WHERE IS

U= ( 6495744686780000127003760 22 , 1736326152967128874988 )
V= ( -7504791339427590027996550674688 , -1985550365727452723624038 4 )


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C-7

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X= -100            D= 1020102060401

A= ( -1052780883222355766037767075658583228651122806930D740267 , 1833444466448572852072924299957012015818751000000C )
B= ( 46972466890227704158850586147957804461158589789583995942040757061747027895969285?126 , -465075875770133098781603669829590786?
25128407514740936385506463442403954000 )


J-INVARIANT
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J= ( -1345455779792071891962355522696395031588047073542151087339363685162555599108198648120171108572840288538589023483444358819950000
00000000000000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 18010606435049598707563634?67 , -1786196855055648850000 )
V= ( 21440627307615484424436140200000 , -21228522430422801959800000 )

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B= -185/2 D= 4096106442C969

B= (-957418935063693791158862942057728673151286927306222725516115860987?2 , 1495947658114911246234275726564055894675582551148077046600)
B= (50993655350511683230122401243095568528502992355511065186528597238854946029284479123795483229492416 , -7b4765478274755455129695523388803400795593569804506289448242600359903973523083915191003200)

U-INVARIANT

U= (-2285105946844041529929824826454627256423811866920563309255128452252896001592219284580106011627969755018856156772298241562489541198594622870741556936541991630000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (39946191553040091065660655514902 , -624151131333601564703445D)
V= (11235522559265597907666517447242316000 , -175521492544100406999602250240D)

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****

B= -85 D= 5860772044431

A= (-5392397752227865073755400445970485944851198528512407577032 , 5459712181705741004272417054387726667675553848162001 ;
B= (3401130230888778827251024970159213088997879458265001172554132644081707591063617344 , -5473766109932871658235992138751546290964404818141568652708972013094528095456001)

C=INVARIANT

A= (-1553762699108601782578187994564133534376697557032610300440126124549402038962464563221220444966985622115858246846003182e0834271316000000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(u,v), WHERE IS

u= (75193059880061529884215123B , -12101542772545547308B0)
v= (15167105446921427303579965776000 , -2440987439719659417766400)

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N= -:55/2 D= 142274851159?9

A= (-697889921393472981492904745023734176883853292810449427086596?2 , 185021B1527067667166185858609764779847805651371800585400)
B= (31735565255210547188929944859986427058282754092684567405977535066844765405772847064409048?6756 , -841355440783873971589646995;
5446445579265737357918981920872111789648392505290267965?800)

J=[W48[4N[

J= (-2644698739011774620582535119988136;976152225228810920451416029064107582566505558905425554476497335675679550828868221024111446567
53C3864[74D7408056020706950000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V), WHERE IS

U= (34[2698305590301515559847607978? , -90417780981859691914?550)
V= (9020155672384653899050855888767232?0 , -212626609046727972104258075600)

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D= -70 D= 121055125681

A= (-960460061692580798227820997155601842909706757994787 , 27607278388295864015586007256356436897944589800)
B= (162025017568599014895483915995867675675513254625085285374617744999246346359566 , -46572158246820268715135650520521558517407351
0695494651390900302264464600)

J=[INVARIANT

J= (-47577048885168542591541703785371964573575390112936640686192856487012755083404;7409595899383341940785039923351774941604130000
0000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (126521412013276729766621127 , -3656707040074161 7105)
V= (10480265628566227387597971800 , -501357649663176635522 00)

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X= -125/2 D= 3933776906689

A= (-177378255500727321059705598174005313941607359506000982791343 , 0938709443576410332030806185547338209098351781962500)
B= (40666334866095889643659994827957478986856855473166119557203610412441073621069658468459456 , -204921779818310345490440781402700705233162021882711022145938601903564455157730000000)

J=INVARIANT

J= (-18841816786275584505545408660282872957752093254725203118108425470770301071515144903547297692536966057196044746821599085667844553923284605937500000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (17193906554587491720759160262 , -866460977364574406562500)
V= (525162368894512062874922250720000000 , -16586066951106842161616000000)

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****

X= -55 D= 28696711121

A= (-190652002940908794827651400721062277623435768369S2 , 1125447677615744186250872626464790691696918O0)
B= (455132455798891867615595150079212054042678635185235812817745697705061127O4 , -26749095845363195596981857904902443:16995129627
10:5761617176796885C400)

J-INVARIANT
****

J= (-16355100113691483700783098163606549471408647816BB69007371018985191701757979/30926536644355174277696178246067247104000000000000
, 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (1702565711376096606982678 , -10522743837009026150)
V= (2515140294200091505026662400 , -1365481784429756825600)

MU-P-VALUES
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P	MU-P	TYPE OF DECOMPOSITION
15	1/3	A

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X= -95/2            D= 911276489

A= ( -882171969108829263495597707387010919555364541887252603992 , 2922522269752620699524462572944008787958145086600766400 )
B= ( 45101704836699653136863121962162847822349796192906540508825750555677460367395476148857 6 , -14940595561115729299489925540292216941453574161501446379012217655025507276427200 )


J-INVARIANT
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J= ( -215069109000675084323229460208553897897472738275755773718471122399825842494145472733209/2632u1012476711400570254017128277998421165873192100000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 5353431665028187501897166542 , -12702111462802635506795O )
V= ( 5486692700551927882201197894912OO , -1817546666651174111812518400 )


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X= -60 D= 4303497761

A= (-177457408711661929921262613624183302791734507 , 27051001274183150356545245658213254432O9)
B= (12867800370954810625191559529103746172651012824214402173007910134O6 , -19615255582650080004544217051492788100041385679434114665638460)

J-INVARIANT

J= (-401507709542919974589059531194801765987975966156322959409158647812O1/45730575409711281875582795812700160000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (5438405711712992410187 , -829011686821744OO)
V= (25512085728375935906592OO , -5888974906450395280O)

****

X= -65/2 D= 80136263609

A= (-2685856267848281368548195122121760442504109857995352 , 8774217979761295511240417567669097223569486600)
B= (6758254790925904469225758075846055162671189274040581440586790141111494620120096 , -2380307214788971520122563527024022156418904537572076946535311065172752000)

J-INVARIANT

J= (-3591845510555478802065927720599842553745437428412859551657945781596279201670897512554777408002466882120239140821132036229470000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Φ(U,V). HERE IS

U= (20316319523758456759900022 , -7187391733416269245O)
V= (19754654655605504266985830400 , -6979798187908869971430400)

****

N= -25 D= 264097601

A= (-605502083436242102223406387960458159044072 , 42169682405849347115437595414514500)
B= (3000004676051068370173549765758356019000078154270096513180464 , -1900223665291745212654558455380669631492390564747647600000)

J-INVARIANT

J= (-16345046549494253108774569048597248357219497439775207071700 1/671005007160966291137695312500000000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (33796020737705559710 , -207961740071625 0)
V= (1958134662772230179 0000 , -12049254654742 60000)

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X= -55/2 Q= 2055163769

A= (-1087480327804008167340953998766478794054607 1512 , 23980229320807887935432145550001009484600)
B= (617290505569353385278252974082202540808130327806130642151510087 0016 , -13616704350772785762281546515419492036902776136012732590347200)

J-INVARIANT

J= (-3574015395042494839739571161995500259842121880239317931524959440369/1244201956342251268937542109023237253000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (42573099310437616375302 , -9391003167345595O)
V= (2103150513755644977743692000 , -401571149627681559040O)

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X= -9                B= 650001

A= ( -5679969561722057799963790048536 , 7001745683570425302560819696 )
B= ( 2358140584001226604146957696739301026565367680 , -2872385663125452227781911655945357167972480 )


J-INVARIANT
   --------

   ( -2395894099456146830705348894708916093002740l/269691964385706900000000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 3076821605197664 , -379202366026 )
V= ( 1844511915080000000 , -227374516000000 )


MU-P-VALUES
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  P             MU-P       TYPE OF DECOMPOSITION

  3             1                B

**********************************************************************************************************************************
X= -17/2
**********************************************************************************************************************************

X= -17/2             B= 30259673

A= ( -414280501343494922606045241246690584 , 7551170186634705041654116526452O )
B= ( 1451459683029561874772725619580023246414821990819145600 , -2658595769196735941810310833015543964893747229241G )


J-INVARIANT
-----------

J= ( -111990301694880048238050953567105523163462712263761393/2485720477328381876064720820038759755776O , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 2627715801555310G2 , -47769013992962 )
V= ( 6320739377507701120102 , -11504095552076701G4 )


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N= 7/2 D= 50409

A= (309061376564461597864 , 127800654130085511 2)
B= (-5100452512333103909901654068032 , -2110419655183724061728169785 6)

J-INVARIANT

J= (42120733588214755279847666 7/9688901040700000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (6762500566 , 27900078)
V= (-39770735120000 , -1645929600000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
15	1/5	B

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X= 14 B= 6487937

A= (-597409647878351736735775550429?9 , -2345410796211747478783190840)
B= (7940240913075093921112069387821946013320816110 , 31204566045740650400514142978340525025012)

J-INVARIANT

J= (1522513733336160422780334900190025994426331600377474702901942559699473117329203200 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (997841816456047 , 391749461204)
V= (-1040656506762019?0 , -72263577363432)

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****

X= 22 D= 103200417

A= (-2435875709706675701922329735840101720803 , -2396706380687806346447626140529304B)
B= (2069406552351045264034431605041729057505308047113403211390 , 203619401212301390559356744291241491547027795057515912)

J-INVARIANT

J= (5714740922065591922600480952401657089075537562340023597/5816001901550596468474257784490421329920 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (637165142665479555 , 62694031552957Z)
V= (-5524655712620470585752 , -523920897272707704)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

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X= 59/2 D= 89866346513

A= (-67233132757292450035500238611111354286100143791504000 , -2580587757391990322454139834650875526826860789 6)
B= (17669065200920459725207648075130591111020749600220505730538980418701923725497056O , 8905753759479871332070056160840710000082433353414251671342238078625726144)

J-INVARIANT

J= (6346592102077596059543720405935946339535305366351010356210311321921720701/7884361956503857172242419708390432034176801289709568000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V). HERE IS

U= (2005762176437204510517077A , 1414116550334826000936)
V= (-7926004121866277520045570222592 , -3996769619561205977645772O)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D
15	1/3	A

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x= 37 D= 2428819417

A= (-1124498166213479797328011509384148290052220616 , -2201713639247623395435026575300779248652);
B= (6490845005004109781477709726825950932873777400548295295092103602531 20 , 1317054153403610203999420639579661696741053707547482052336439 03000)

J-INVARIANT

J= (317164335001704206139516692896747456755003906690186053404577903817/1878613582643824108693311601435960446686330680 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (4329161156269371950 1206 , 8784279380217336978)
V= (-1108815254053904586674818976 , -24108744300021311569 92)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

X= -19972 D= 63358561876417

A= (-5900655123975963399001885653204996889500354205710889038200595626712 , 74250836915975225857735717347719387198156118675924459100 9752)
B= (7017965682508094369218290871101298442774636140456905781086879598625812859206519712607546882365112000 , -98217976955898321911128254556630093867140045952285024744820085007536041045840414054295264064)

J-INVARIANT

J= (-4801226925753951956175537378225601067267682528955755970904054277659502672738440746108606750210857/450554600759039704664405900167198967225037241543126069209256198291864560 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V), WHERE IS

U= (9925568850731323856552114780639 42 , -12467095934359034253122202 2)
V= (9011937929825553817952036079867945040064 , -113210015002176547625667684170752)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

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X= -92 D= 619609879633

A= (-155280703658808379228014024667519590828214971926032738440?7 , 19726876395114788269725107364916156661428689081645216)
B= (10532691086395257503259746327777891767777657980709171024111615966924694967548782553B250 , -1558074147657454652237730159269990599
42408554295138414180632462475396046513800192)

J=INVARIANT

J= (-81595665658090069469627056784484644296660366426505301276759116763004788056003161133/107607843037049556051285518374645759621
22149680965615616O , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 13 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (508725946507901632967505614? , -6462848166217362432816)
V= (166755234202671249484894125698?4 , -211820611258079955111134496)

MOD-P VALUES

P	MOD-P	TYPE OF DECOMPOSITION
3	1	D

****

****

I= :69/2 D= 2585206200525?

A= (-625582604940918:7637625972055225437374421460379752220215244610:0072 , :2817:662396227284453222443795267:0332470190678502086018632)
B= (852523793867556268821065138?:2756124963608859016636004048466540242189902928259148039:515027458?160 , -1745565947517025111875937455540315403470174053487087927225860700022778022244104154342901824)

...INVARIANT
.....

J= (-529013375605789587298879448983036479059924883288972605503015186754114371672920403948563548359297/4061551680896857066502135?328895905680509147627997925060266587085?720 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 4*(U,V). HERE IS

U= (1021422704677937845754781420066342 , -209159111908993594295395?2)
V= (7864506409128795960026592056369440870? , -161027954710577550450444690570452)

MU-P-VALUES
.....

P	MU-P	TYPE OF DECOMPOSITION
3	:	D

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D= -77 D= 215872050393

A= (-17591078246536029893594746509004858637699258407129966319 2 , 5803779601474660972857244651757200598066171149146 96)
B= (40160755132248770089964570248905921055743755135889906006090569199196711462756000940 , -868409645077267783122041554674704329222
1637584633032681105404128847052488254 08)

C-INVARIANT

C= (-25087554765433790274489965993798492610448370958462654856280242798696980252486673/655542285747942574911707257471175743662600 5
0155100855200 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (1712265320557614188501220038 , -37024869727725953781314)
V= (937564991504111911615220126771 2 , -202732960008977056277498888)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

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X= -159/2 D= 7421642038697

A= (-2739092121257059475772254680760251640086912957382051120708862S2 , 1005073981267558597685108050141151634810723852341167971:2)

B= (24642391907376065978959156578450614811058611652128057855559726825571371738584552202216411619?0 , -90528467722070260151:955403702568373748299945023275831291500646215454253605637027895108)

J-INVARIANT

J= (-1555101773476076047712640150192947610123249219897618161656922719083540644200788329691606557:1465C80655823551674209860445898656964813193:C8446266769321155647488O , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (67553585172381059003411762995?2 , -2479695634452627246339822)
V= (42680538512297739931552046315722045?4 , -1566678455941977291474:092997:2)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	0

****

****

D= -62 D= 586477777555

A= (-267683536307800555217459092225396112314045033608506974? 1105559271603562046903509781287278460664402?6)
B= (75586777784728108676409749197289649222604584809447844160000272161023525809713? -31129303359854688153720533158391164898299171
20571595160304698793558721?2)

J-INVARIANT

J= (-306886311703694155274730490050703168735032107719600070106540033793051089263?/125011748372441715842795386223919787269527724346
98240 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (211220012932517258058550?? , -87218634941794111116)
V= (4645352512704926180054276730? , -191724601596423318594776)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

X= -109/2 D= 1739231576757

A= (-32183591666977111184011032965095600633115189944668421117911192 , 24403555433902224447950066156322965674000571658996919 2)
B= (9958270821978995655624925152715064129051949041362900821824475131920062524384019455516092 80 , -7535847850483582796709467467021181291011842436841545554238055480900247248989474701 44)

J-INVARIANT

J= (-6401921693907411103199551512785044523645945053952754989992196040687133314167721969879777/1556145653643498560649125129590354573957019507997734216875991040 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 15 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (2316009200218475660915197275 42 , -17561498641225779613 4922)
V= (1145140595745410129704714753265315 84 , -8470012194558475182116145 4592)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	0

****

****

X= -47 D= 11243006113

A= (-19861470019037874520342153218659410412870611935151 2 , 18751396874847492653681815071215404886155557 6)
B= (48181486525091821221114265716167576470850826580096982544809356609919784640 , -65440067893C8890431154532108967265770275661096415406529154675548813248)

J-INVARIANT

J= (-31556359942658187275575442207012530647690994056946112429493358895792993744192790191065947082869261198723590719260413513280 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (18194078753339355824260 38 , -17158876417492802214)
V= (40565062185969268279300584752 , -56928559189961899900928)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

****

X= -79/2 D= 255559979377

A= (-45618777321273302217167999042779755915045053660944857407952 , 8628336309702721258523935974135488916723944555118472)
B= (15680985070674966457967778471166759650636092458039697530169071460320695902376078382742400 , -3101895746050537461932783967895527450
7323688052822278129110964907958845550470)

J-INVARIANT
****

J= (-10505436154746701204112613257865746148424749766519980164528600540046713754944202177/1342354108290844453551190654945653650085780
8905215421376512000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (2696255967229842267857971454Z , -5535529445091153676822)
V= (9589996328104055568028673032454Z4 , -1897020575297314965726723072)

MU-P-VALUES
****

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

X= -32 D= 3951457

A= (-5056774767941195047799028199547681150794278647 , 15377467211778500651882676732046444769792)
B= (919937390932592233893022205921741057897822084529755085251093404?0 , -462785591135731877103459985195202563675567555907785242586585?4)

J-INVARIANT

J= (-407611018331513750873752795788133429549845345217219217626770675?/7492011774641349124451043590480226547384832? , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (2257122554175270006147 , -1135474717150038272)
V= (2528174529985174124099584 , -1271020015554917988552)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

****

X= -69/2 D= 14996366617

A= (-9566397525408926907170722535459302407383144143151? , 69952015596438174161067259449840063976679O152)
B= (4315791422113197318694946963315010105172646174769805742900002431399910000O . -3524255790837337163305169310631260946892074521541209284601791717050006O)

J-INVARIANT

J= (-5146858684512260176192389739670547926660522275790486532094545371503999057/16642342995072630193268040263010112039609357373012736O , O)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT O=(U,V). HERE IS

U= (377055540576322706432394? , -500555502555577575?2)
V= (023359055522115637561457963264 . -67235120096619103113451?2)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	O

****

****

E= -17 D= 27072455

A= (-1495001164339435044518800653054664279852 , 2069608700864327208769961604520765)
B= (5140455179824741823534128920404000452602745400160557210200 , -6035718212235822666024601680554715617269069717229000)

J-INVARIANT

J= (-25156941560068204973020007039505224002363001012557913/1254906710164401505092611539546507 1360 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V). WHERE IS

U= (157749308652221 0030 , -503102430027514)
V= (1859702029017005000102 , -553577021150909560)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	B

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**********************************************************************************************************************************

X= -0                0= 1153

A= ( -157614001014329611534510460 , 4641735190660736486706000 )
B= ( 3406000418467617146947019020025034900577910 , -1005092490473446760314960057926554955136 )


J-INVARIANT
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J= ( -2302126620656193501800145599519540979209?/1002990275066506120575692000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). WHERE IS

U= ( 16200065671459 , -477327505216 )
V= ( 4291616915964200 , -1263001131919400 )


MU-P-VALUES
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  P             MU-P       TYPE OF DECOMPOSITION

  5             1                0

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****

R= 4 D= 2257

A= (-17941609202270999 , -577656169342400)
B= (40912750900463100932790 , 0611775521131202522440)

J-INVARIANT

J= (42299625914661454417/5349660260895360 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V). HERE IS

U= (18897605 , 397776)
V= (-695210576 , -146356544)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

****

E= 29/2 D= 515294715

A= (-5814567000220990147663405371297657041423440 , -2561000391812842211501423272052649620956)
B= (7632953018251094806546346466996559465519211307022849140567144723320 , 3562122914511533303480296240759959019134359467952025699994
24)

J-INVARIANT

J= (27738792737042322119773985073000760650727791015079341079079553/605024342068972011729013395123762080909472155600 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (9044298478106332403574 , 4336675533254461114)
V= (-14;8487070317560259219998772 , -8336910466701590090600)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	B

****

****

X= 45/2 B= 75807806329

A= (-1998150069026651637778940734999627891562816187832 , -22949380923128689249014136995292875239774600)
B= (153746509650607540013215649097856315102028427024809864798173167702827744 , 176502693605159345610620430876077171135097096253237167108907128804000)

J-INVARIANT

J= (6680817064416474803069098789123909647516430671846956110351156124968497320063505062116584611549332992205056011000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V). HERE IS

U= (577003267502500677118038 , 662790251610457080950)
V= (-12600737910671363084978946500 , -1460153137451754905451200)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

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**********************************************************************************************************************************************************

X= 50                D= 681161201

A= ( -17777960095505686984357027466387440196?0147 , -6811722534326279001062513438614057420? )
B= ( 1290206045896059827545377650556357010111 691160535170865252264814 , 4945001486280090594732500095073333260386196690122023723060
0 )


J-INVARIANT
-----------

J= ( 5070409754006904305568021550000919609464475845691824952182004?/3835020200727064011389402642570000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT 0=(U,V). WHERE IS

U= ( 5443338559559177599983 , 2005644911500010? )
V= ( -6104066357117187652374?00 , -2538806377446526540? )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                0

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**********************************************************************************************************************************************

E= 75/2              D= 16860667 1089

A= ( -44225725181648324467685056111947142051062894636168834392 , -10770542677595290503628705102111065037680824735000 )
B= ( 5062622625097400137360633417994406367484204576531281884935114220910116159066514624 , 12529293149819011564417417226405991769574102009704802004435496736064941000000 )


J-INVARIANT
-----------

J= ( 24706121531560336115402225320005101699656287492574018074615286541280991517999291/122725748078971175555555864804444492*10259765625000.000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 858542618207681514775619158 , 2090057724201910823750 )
V= ( -3055486059391457708635649081600000 , -7441201130052503554515200000 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D


**********************************************************************************************************************************************
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**********************************************************************************************************************************

X= -99              D= 9605980009801

A= ( -191307557761711500097548551079911850812504714707859655438741 6 , 1951916729178415739673702889280116000104929209928901 6 )
B= ( 1440327665837344258193121102268980852529785564891702968557639216598764084680710075368128 , -3469570621955369357017428631771401
3445876062355104190291109350203185740020349460928 )


C=INVARIANT
-----------

J= ( -884806456268359326819500584054040758638327625945808448231695795255482987135805016700 1/8859461023407810795055820869169900000000
0000000000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 5646664459851686916406599976066 , -5761288154922126781820 6 )
V= ( 3985862725584019764276800000000000 , -4066707650895956803000000000 )


MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  3            1               D

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X= -185/2 D= 58383887660449

A= (-5730767842512497279701540249782623644381270816302160021927630888856 , 92499276174157166816766888664262757672264147755626722619992)
B= (2361469166706080021466701606259967371915235162592359220487553927984427409004862803695084924675929792 , -581160469596910370677220740413853359045192357565400594255369658515039883848805138927054445448)

J-INVARIANT

J= (-1457675920254373562588318413606795335413412400326670582897866821178610101764920166556125358072329/402227056225001497406994767704490256888418028753870058955000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (30905114477809437567857923281895746 , -49885429248770780104396518)
V= (25780359239939550971612201010182046000000 , -41624582194255512773590025600000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

****

A= -84 D= 359715285681

A= (-12556992861427935148002550739890007976693207399680125737I , 2060319422716155142841980589579629514337812390B256)
B= (2564461817477106777475125499504664775285044994519497471648463565952383663709176974G2 , -39423399047487737466275763341576445041
8795192560826226431736993892104602224S2)

J-INVARIANT

J= (-9393981230572415124573041677141272405770576267001058640750589658850450632422844O1/778552000591829693258486548615597126892910
40000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (14350954012541965959695341T9 , -259277869732059140254A)
V= (42904335616467638116392011000000 , -7[555718249834725621000O0)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

****

C-3

****

```
I= -153/2          D= 13165309848169

A= ( -3939917314935676869201255962746584558445616235264536651892111576 , 10858532429346943144472281153119558775099244372657009735
2 )
B= ( 1346150983455527335943990810542753752541725216992849436087724789709646235315587440181558722331 52 , -3710036921127044454210505
6955524826451815652109373734093845815078405885820622959364464704 )
```

J-INVARIANT
....

```
J= ( -8413234568103397855960967208044275373901767416280641535257197712776581508159117197944847372 9/2317228989624962253285085608775
31383638210655483670057300000000000000 , 0 )
```

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V), HERE IS

```
U= ( 2562523923550484451287596477678 24 , -706240121583750817 7358178 )
V= ( 1784209145840142613075553265435C400000 , -49173397855586874554266204 00000 )
```

MU-P-VALUES
....

P	MU-P	TYPE OF DECOMPOSITION
5	1	0

****

****

X= -69 D= 111069578761

A= (-8546657095553521800414870846570051398927440752417565 , 2504465245888113949814637250992276212495275819976)
B= (4150801559482824395715515496895655731162C64455286967994881122566854358154506599085 , -12454732570422215391165519476293641809373992854486459211555740501400885514 68)

J-INVARIANT

J= (-26155145597214170881693464453920142807644253970905165830528922733744282011920 1/270656651382480110027461298916500075506250000 0000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (57297580547721168460745850326 , -11191365982595798896546)
V= (102757626559052951476870560000 , -5485755781281584817600000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

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```
X= -125/2            D= 3576585007689

A= ( -9183328458910472091777773273124928355873119808711060843185496 , 4855992232035527776597013384518154546957444657743808512 )
B= ( 1531482787561970413269542042845427736702477852587906615556693495652271413919065880425521403712 , -8010159344827753277342857646578477296421196089145400652918693835562959962351005045446 )

J-INVARIANT
-----------

J= ( -7627541363075693560905429620208764355196684500501015537116164466842121982861435551416601S3/35516347921897000111948058702849259715591450664062500000000000000 , 0 )

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 123715590923661787053128411605 4 , -6543875896841757091770S8 )
V= ( 69050285167504610811646875000000000 , -36512650706385484375000000000 )

MU-P-VALUES
-----------

 P            MU-P      TYPE OF DECOMPOSITION

 5            1              0
 13           1/3            R
```

****

X= -94 D= 25722077041

A= (-58040921896923026766310113127066647701617022925611 , 561893918191866215898417210387895607979821416)
B= (2406956120566496431428537305892125635515576149053797590560 3:7410475660516598 2 , -1500761040716215597424561786766603559178243560
26192508558758173118 4792)

J-INVARIANT

J= (-99326942365068112343500482024907169424629 7:252629429534901231683539561740 1/2366950079446235268798218044571500243700000000000
0 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V), WHERE IS

U= (511022284092455775522 4359 , -193927102504697642 4)
V= (594212856663404522235692 5000 , -5705500682401285821 75000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

****

K= -93/2 D= 675150651009

A= (-5965696344493045872579718170981111749594216096280248478306616 , 4826424800462387443151798417429036853349321299916072872)
B= (1359380444761581553600161345322650562591994083154091021979825066255641967162586456707553472 , -1654429952858114325124345465894505
5033651144852751676959870619982135726845294982)

J-INVARIANT

J= (-89147484479368543416258531187540911748247047092975795427216269892798265749263986032 9/1630682758452955746661994836546804079256
3675372310000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (257089560374415016844614994294 , -3124889249178561317709B)
V= (1079952600735856728920561430176000000 , -1314549260577216325737920000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

X= -59 D= 3701633521

A= (-11450676903175175636540703556765033892482594069G , 1878777020197117687602708504563460315955O156)
B= (2103658135727244010117143416796178512270717928224632148414282757815468 8 , -345759642502368550405743110020790021544893572378 46
427748275318700B)

J-INVARIANT

J= (-14113907114481536672C972104940316729605568071391690014578146526490001/212C653461340531650884957955424256000000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (1580225024668960228479904 6 , -22684629844206562486)
V= (5785794778346965912352000000 . -6222434850526003200000)

MU-P-VALUES
....

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

X= -63/2 D= 66560650129

A= (-85:0725895027116309866459689663093616774592380556693 6 , 32988159754499331495172004585864248752632849103 2)
B= (1551480559497481599315602015620034698504870567749930988655452749015832720728394432 , -523846731985120409328896065646056555112711
5515929165988342155647933515246786)

J-INVARIANT

J= (-9382146442455568988984140851926754286432886186402287795326064738280279555529/2103807759028503886087165985863245044855073700
0000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (11990188609347755747175225556 , -8616551856868633223358)
V= (5360340189464806464484802912000000 , -13028979646012857397440000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

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**********************************************************************************************************************************

N= -63/2            D= 665606501129

A= ( -05107258095027116309866459689663098361677459234055466936 , 32988139754499834495172004505064248702632848910S2 )
B= ( 1551490553907481599515462015620056690504070567749930904334527490158327207283944S2 , -523846731985420409320896065646056555112713
5315929044590342133647935515246704 )


J-INVARIANT
-----------

J= ( -9302146442455568900984140851926754206432086406482287798326064730280279533529/2103807739028543806087165905863245044833073700
0000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 X Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT 0=(U,V). HERE IS

U= ( 11909000009347735747175225S4 , -46163510560606332255S8 )
V= ( 33603560109464806466048002912000000 , -1502497964601203739744000000 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D


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X= -24 B= 207391201

A= (-11358990636828425832988680428706999468251 , 787371226116632614307393147068315776)
B= (65724178434358552085944099136725925433277471570659726966130? , -45638357157264253416341058107248064110015744665403476352)

J-INVARIANT

J= (-3081022612064009341468945064463987259576489004619474558000?/21094326905241600000000000000000000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (43472212004600429539 , -3010676560739264)
V= (3622460944208375000000? , -2515414196250000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

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**********************************************************************************************************************************************

X= -15/2            D= 14706209

A= ( -12384369053777501102990513856602401112 , 3229193111058161477707998055206800 )
B= ( 75019468357844553505116418972065449056185566721846278 4 , -19561136600147077745710215470338100090059651147068000 )


J-INVARIANT
-----------

J= ( -84940093568090991460659336921536245367455033676480809/8254006173562005010666777700000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 4543331693530073900 , -1104662242625500 )
V= ( 2077194314020056757 7600 , -75022113924511480000 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  5             1                B


**********************************************************************************************************************************************
X= -7
**********************************************************************************************************************************************

X= -7               D= 154673

A= ( -93296146380644139922759512 , 23722201271629602005736 )
B= ( 155116740508052597299139056336047351200 , -3944151770400604500007802306126099 2 )

J-INVARIANT
-----------

J= ( -1352091171140055624810065090962907035 3/290295067413412369071667 20 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 1247024824982 , -3170792646 )
V= ( 19122956376473 6 , -4062567490 24 )


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B= 9/2              D= 516513

A= ( -73889500597497366407583600 , -181337113049709780644496 )
B= ( 1092850102622220102656752932975190747616O , 19424014191335763259466637920335514944 )

J-INVARIANT
-----------

J= ( 5100831337915396209540675487700553513/252109557446826144173980672000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 113140406S6774 , 20110444234 )
V= ( -90508602401733S392 , -16065486503715Z0 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1               B


**********************************************************************************************************************************************************
I= 5
**********************************************************************************************************************************************************

B= 5                D= 9001

A= ( -1388620480427106392 , -1396756085147442O0 )
B= ( 8904856048270992920965506Z4 , 8958297433657760454433600 )

J-INVARIANT
-----------

J= ( 5095751223475777535162164I/25395200000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 484178350 , 4870050 )
V= ( -96129433600 , -967065600 )

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K= 15                B= 9917041

A= ( -5841964966555800109726112440716759 92 , -1855102420153196102500152833 1000 )
B= ( 76866204169559446522807250137099155375577961577125 76 , 24406779602340467828833782108105092590506906 5600 )


J-INVARIANT
-----------

J= ( 2642809102159241659364075120026759474903539264121/3847906929401465775510000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). WHERE IS

U= ( 9867442759356 8342 , 815550554653 50 )
V= ( -1160900879147201540000 , -5686430946919 6800 )


MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  5            1               B

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K= 23                D= 185421793

A= ( -17296418014105999933114594817596612830332 , -1406310609476333047613509280011689844 )
B= ( 12382180301801557519659900055412032790822761571855975976640 , 1864028166194730512650151108737351224290679685254212480 )

J-INVARIANT
-----------

J= ( 30374990042906644133300294847356875636909704500200904621/1104735783581838611431407349718554624000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 5569112712590015702 , 4613794438588854 )
V= ( -3118703981159110482944 , -267996964457540544 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  13            1/3                0

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****

X= 61/2 D= 48194090297

A= (-191157655535443150705109536792072904310611668006872 , -6885466455843990738069185547799947044043059848)
B= (10115908600073532362141307511017773858062000362226721950026169405255292644000 , 4607900047544087528009220097544645666592563540
650844066420955734205504)

J-INVARIANT

J= (3469047715529022176602224590386615082785268752434116510450224302273063410377279438942799293934423520090074192565761940099401
34707720 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (5019257267193295553064838 , 2286349204800202024 2)
V= (-4879667053790314924002066491320 , -2222763706710922112488256)

****

****

a= 30 b= 2056449953

A= (-1052900820120008312561379905783905660414553187 , -3468258479563205692294386741140770683584)
B= (4341835056095024043257024795656612272525332717138045064996723115950 , 81266370026826950785729483421260046925122177973200010691
112)

J-INVARIANT

J= (9944480227959003687515129200761101179026738385257588515071590957033/41228746344949492075749218216720067645776280160 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (1737359908309513065278 , 3289269793647911876)
V= (-8240717644815989939975440 , -1545921526959970600)

****

****

X= -197/2 D= 596447160629935

A= (-55063603729346267141339555093279313893641466929999450537055693784 , 71299316329190563329467996237245005525607822140081298269
20)
B= (703333015858722414826597996254608129287688754485337355844521940775140848327780150505029335412681 60 , -91069932945174859401103 3
0195067262778821640543935755605878933614127758899656379495165180016)

J=INVARIANT

J= (-5150686508785412355285862602072118989648403545293325053906455427244918344942351697315458591205673/3567206621856374555350258 2
6588079670613364761002370218039929655984256000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (9579012451244436550931118858666342 , -12404264495896032837561482)
V= (28705023350222983052807604550744594752 , -37164253126121945047516761200 64)

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X= -91 D= 580420027097

A= (-22628965256725294607418258262516597411946346072639526306 , 29702531307119977845405030055080661682589614506360)
B= (5059493768549693488394002544555100459055003825900944058139134628943598246964570135440 , -769110786400359761068493297707110404634587216966503021344045546558665527976 32)

J=INVARIANT

J= (-263765571771230847141515175052602577244907193820779195789894967857190147863701074377778097285384702552815574094257604776445035476228257297203 20 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (19420554576460434144440337078 , -2549091992316257764014)
V= (61967705024494234000375777294336 , -55086551059596344476530016)

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X= -1672          D= 22214717942273

A= ( -55497425455215736964980925104574790517937249390506872000141545B4 , 11774770057549514310890272559474404421549127948416408252O
)
B= ( 31165968884980496420107226223241727780359433913925273592485478411184774335657803118889066950560 , -15099151396749715555316637
919788863620494987256115672398114879035632885506855226034041G )

J-INVARIANT
***********

J= ( -322193411074452503218670209765568852671643176980182863358334671980080520379246109158249342793520824444418552856440151700950
27965363956846327673487871672789320008960 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). WHERE IS

U= ( 9617468954878660603155539421462 , -2040517817726551696183062 )
V= ( 2836815618652093555304989934344640992 , -5174378691816395574226501437B8 )

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t= -76              D= 19780525417

A= ( -9458211110584581450288762248729610181465741653959179 , 212210160567648920165727848459040612280785041 60 )
B= ( 499103642774249458821790955725240560584257715222118814757598584496389532660151 0 , -112220405964139974692812769338546952778889 82
82966869119437564915552965628 8 )


J=INVARIANT
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J= ( -14560728587953664164918946540239690557850842406655912287663650577706227869090305 7/436258380550200502695585816243869256269127 1
)99C69397760 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 5966129747606612906688427 , -89176003600548050256 )
V= ( 3571918944574088567135516256 2 , -8531241460374885000 32992 )


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X= -157/2 D= 6406355210953

A= (-226018201946654445164988126505255210581328507083894116431384 , 866355499640490442676748127507989521239167968126443720)
B= (1849601780765659579793584667397754503341745958:6492647078687555584884550315495402837648941760 , -708956868915200458682550858403396659207069131634950859133835997946978915547009358816)

J-INVARIANT

J= (-85016910951199933459177071496836167633502465715093905478694418480041568461014613601450381137965706201904505949501196525316219273550033049960737871199411691520 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (61375646904859997675386625618 2 , -2355954953955177528435442)
V= (12757365272698002182752572201056563 2 , -688227567755208166563076106)

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****

X= -61 D= 55223889337

A= (-33674765189607709635192590109335402662092481721684664 , 145965845281003606027542472726527388780999915600)
B= (33637207703106320207523615966748831357496851085659125000637693642891851291104D , -14595035081427170223562677537199B3085491390165
6313324032204302524147923Z)

J=INVARIANT

J= (-15620931948672946005492821013484499614816198036639842855316584163250236515577855891042552442467644541531072815747645901653400600 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (749165569181865360227123B , -32473066822076567634)
V= (10799145929559185779297772697G , -4680973977263409234585G)

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X= -107/2          D= 15557377453033

A= ( -2378207950222552844864495198675958727682362915820109111281B4 , 1505692276493065187814792926652859759015911710924652O )
B= ( 6315029973637670375262825429731782657719876095521059936381971112843557699955461203137GO , -5058725121504478525721636470459325540529007982974858480748101216780993027546921G )

J=INVARIANT
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J= ( -29704316623845961386583826506880739187344759187124049744995059287009446943003515904563S/797126850462100659192689888582559900193288042627279069159995756B5 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 1990699274551466558281690250Z , -159533666619755771706422 )
V= ( 3215233118463724994492663671823G672 , -257641325737363251389216870G )

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X= -46              D= 9890907857

A= ( -8452189176380954781647584319524513841145815457?9 , 8498467522587780635192719888610445228489960 )
B= ( 42297716758262095637808885576659028150010272417754390891682907015845?0 , -42553033922251756841829488980803442424764884550198898?9
625866425688 )

J=INVARIANT
***********

J= ( -12558758596030918404560922120421102963852994103064253830159524564355381?/2586610651051?0455801096049810568751935294481984? ,
0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 375526284603318815531?7 , -577395014626526161?36 )
V= ( 203041982587445172?7615512 , -204158641593245376072 )

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X= -7772 D= 219598012513

A= (-2652899078092922211738119255777375702532251749219978432984 , 566375403059976377505962405776150611983475066920)
B= (7437795007599338716211084035680285385052981376023317480850375674207958955538560 , -158791722624904888529282652725965369161100385262234505126602828978519031616)

J-INVARIANT

J= (-3645945045500985229501508641099065542597115990630956122873754394974266955151561553764505069725450584768726957993829004153614661116721551769344O , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z AND IS Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V), WHERE IS

U= (2102755955661561814314524222 , -4489194229823488920602)
V= (2428510385015173497600011260211 2 , -5184763509286425285058598 4)

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X= -31              D= 945750977

A= ( -252012766785999854307346685038097427698182641 , 81947204553617645429892254627565508796 0 )
B= ( 21776945551941656834692176471289102525675694585505098262324405440 , -705122716796562771218245223417116564277529556577639636528
32 )

J-INVARIANT
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J= ( -[1051764069287124956999385340987021152605774201517761346338488897/303270632546746218125068555962995316121804 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V), WHERE IS

U= ( 648090493002112870998 , -210740153786616541 )
V= ( 46944157540999053446041 6 , -152525559264962564096 )


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X= -67/2            B= 11717993395

A= ( -3570556233326423051820454742702802866906600157784 , 3121077317123831005505555041071653066320920 )
B= ( 1060956824142777859326294259213165513192212005742461499517669032055081160 , -9874911550691150460097338546295420597624333769115
07393325052430016 )


J-INVARIANT
-----------

J= ( -5754045101314250023669518493731577419122925857297469620057110905372127375109901070044797624132947615991695713781760510985600
0 , 0


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 2372957576645307553557942 , -2192115079021097382 )
V= ( 1651007438211500200452335000952 , -1525250448200585074750464 )

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X= -16                B= 10949697

A= ( -22241998708297020869718028565263179 , 5109453261775947912638633320960 )
Q= ( 57090385472272618322087075554020841827635106284718 , -151164420422012563108574872660892534524304890000 )


J-INVARIANT
-----------

J= ( -167247093817562612229296335551542252371785514876582 9/1761947038561150536615510172072704 0 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 1925357972582730 7 , -4422952910016 )
V= ( 551365962406652499 2 , -807155401175552 )


MU-P-VALUES
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  P             MU-P       TYPE OF DECOMPOSITION

  15            1/3              A

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K= -13/2 D= 6479529

A= (-2929451914847977959959394309773013 6 , 11500569835571060456403942062632)
B= (27292459463708098312736149856996020564109564527720 32 , -10722045790595062530075293125072921961111410776584)

J-INVARIANT

J= (-3561261639662504123434991732254577217200846923529/1754990529602957722930367000000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (6987879045420293 4 , -27452402500458)
V= (3805643779094051200000 , -1495075477334400000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

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N= 11/2              D= 1174897

A= ( -74595229975106890467832056119032 , -6081944402982236835753264B8 )
B= ( 3506927220821126727164874057424969496830947 20 , 32353916225079000820959680006942066621326016 )


J-INVARIANT
-----------

J= ( 3003405320547794228160402052524914718O557/2983290671469131400941411457845 20 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 3555409540847542 , 3261741966 78 )
V= ( -2694962419315532B256 , 2486295914441O112 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                B

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E= 31/2              B= 776292057

A= ( -5946510167071704022007934815118045040007512 , -10111700472125200044973662505560295020 )
B= ( 1051299900012065350000410665146375016294696704156017000092520640 , 70034370164995242692569525222162676005505575938659422733 44
)


J-INVARIANT
-----------

J= ( 5347393167916861331368899586525297762604055796715059001011100977/4563552690024452222202790909758101129404095408O , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT 8=(U,V). HERE IS

U= ( 2900093256396400023030 , 1040876415057494Z )
V= ( -1499008302611901791715092440 , -5300379202157272156l6 )

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****

X= 47/2 D= 9879090969

A= (-69000105571144110118823495370467779515349551660376 , -702230725472239245112235400797266999937280240)
B= (1003000000829426391012277009370174483551182651048043472510922359223140599552 , 1009000200703297040454446295192555552203650945315
703404320240617120096)

J-INVARIANT

J= (4419352268040064223854003257870167629079587135452597506666026065909172911905950061731268784506159436791406525010000000000000
. 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (1078580233656359006090414 , 1085116095116257302 2)
V= (-2454980759116973203942096600000 , -2469657160449091260000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

I= 31 D= 831114961

A= (-72567819652178433575603060675778802968122456 , -251717565013234734736852305218818860402)
B= (33649546964534224005614500505179112360818747565563146743778317740 , 116720911783940999931859796589498168197520104480327679132029432)

J-INVARIANT

J= (1588485144266542916977006711410068711891216635337758027329634201/10113483287361410776836681892470000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 1 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V) WHERE IS

U= (5477734462214986040726 , 12063292792619165)
V= (-804879121267625617440000 , -2791901626765776000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

****

X= 77/2 D= 197729110489

A= (-9349444368164114526016091184345137917688708256338142296 , -2182570154757853383467890246729286841500510059320 8)
B= (15561154479566004777500120510368610231075325107454955173430510000905961504341921811 2 , 3499504100090895518641409503140961450078007895336652710101403904459554515515 6)

J-INVARIANT

J= (765617052994514618981499683900089901251417270143942093351962487743539735072372 9/2665211427115526822472498893067621639404296875000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 8*(U,V). HERE IS

U= (12482951341309177004459376514 , 2007255693493685226562)
V= (-455724772658432606172618000000000 , -1024044570200841830000000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	0

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**********************************************************************************************************************************

X= -98              D= 904014974017

A= ( -90127823561327792511636661097455194935693423260948068268563 , 9479186579977469222632798342851641512435902410107912 )
B= ( 1672825982149279182071651722660701:1632597035927396149881453412463123890522040081444670 , -154904355982625029100466854655835026
66712459001600643619747071:4169526906595559768 )


J-INVARIANT
***********

J= ( -5394007550550852992527069646927616891095898093138526344502443607467113848536182268577661137571630433194227845557191566896301
80120100751361391560 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 12256142919866030220557295559 , -1289058843919065574050B )
V= ( 42815881919165622845215695016868 , -650315693504649457935041144 )


MU-P-VALUES
***********

  P            MU-P       TYPE OF DECOMPOSITION

  5            1               0


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X= -181/2 D= 359652764853315

A= (-422088416562128052119245294049708851364281776965262509144942644568 , 704035954460558023568597108148233756094346088221321515540248)
B= (1492686582858333680188981970917481621756705523184841092527227511185621364917620381717281321490553504D , -24897729207575595517142265236651098806960755526900957284020404873880267121064292540969790736316)

J-INVARIANT

J= (-922044498250324388533521470939468711630900940425123091327366733995448079519676568662483923143055/29305204383286671603526266523214083629148762374154574465284297173811320 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 13 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT 8*(U,V). HERE IS

U= (2652321676629782943252567876603?4 , -442402284671307066043048?6)
V= (218876272055167574938165955341724616?3948 , -3650815210553357465216154809262D8)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

****

X= -83 D= 3548670982179

A= (-1417009997341419887752987557918884623451654418446510783448 , 24487C61251947722116961239733395005568698799555469472)
B= (9181686748851728854529049993670358353032942051190486171110952024812716624541778485440 , -15846686195718792559544479752758860848
37039784528559651972260585920452837914771 2)

J-INVARIANT

J= (-57045410125935735511480569225616920234963904499087702650856434529145218744375478977551296835856451925538027429944518741090691
20742465897400 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 8*(U,V). HERE IS

U= (4859715109751409092109218066 , -8397975221740131858942)
V= (2870795526103510255114193867910 4 , -4560968758281134245828551 2)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

****

X= -15172 D= 12170059529515

A= (-2735091068525265229709723289754104077327554553769905466452503381C8 , 7834456357539642575980764689852171449197269981211155479584
)

B= (777757603901051785548710010065815202162881900526941693051221492545451758728527379074032835168O , -222945093021074811492521956596140849014401870654951826000101510866458407958779176715224896)

J-INVARIANT

J= (-48657251598563460783720210297185984365692566501173761912894341706660415018134024588823412039371584723555476535411649507376410079550845290412879850125081897861091328O , O)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (213428015524617285297819168135?4 , -611793809996586967304?206)
V= (1866578756112900842982887190548850048 , -4205391217853488699895689346048)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

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A= -68 D= 101797588017

A= (-3477819282688971293022510115490638111641510111562445 , 1090330409606983521968167907059223981331153935472)
B= (3553059767188648486499670617305093559143720954491472111569993389166570775448538550 , -110650991717574802678528955911699182296876
876783658646381781806045093588848)

J-INVARIANT
****

j= (-109652254571863062058121701623551941096691204723697912643602956734479222955369/3681962750372923686524410625542514416034535059
5662850 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (76135866547668457587755594659 , -2586211495401848634288)
V= (185780751952480203006202585568 , -5760373067029897356133984)

MU-P-VALUES
****

P	MU-P	TYPE OF DECOMPOSITION
3	1	5
13	1/3	8

****

X= -121/2 D= 5243065276713

A= (-5827153200627917151043422184784397221520565809461086152599482 48 , 3255776591572939164768292999887731875529371805649843146)
B= (765680579919002283317682828295155814378237675578990564415069846769910954539401110925241 3120 , -425177023277528198840261103074
44233966105754453578519299070075396112706742019771141 76)

J-INVARIANT

J= (-488139100984107930955111755721933518135063355551433544508842677063695935061855219931846955153/27204208666693768958288580993127403
07815492585619750584623939584 0 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (9854905781443558255704287802574 , -5872560549099436958135986)
V= (5409656776841258584042325424785537728 , -3003914235659551758727104287488)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

****

X= -55

D= 25008957417

A= (-5552165316889205331547236261045750058373125912000 3928 , 3647099255378156585783831514141072358166261852)
B= (708280885452857616545555024217099229544566107896572806117998058187268031561 69 , -4669557355944926955327318431066769262037354154
69127408261623892976928852)

J-INVARIANT
****

J= (-45765666594135525825615133505481916914808635686756407164814161923624595777/138445573442065625268889914550257618426564481658885
0 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (960222471978865126811048 6 , -6330286927058676216 2)
V= (559958916016068628239548701 84 , -25755004572452640236 0852)

MU-P-VALUES
****

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

```
**********************************************************************************************************************************

X= -91/2            D= 593117701513

A= ( -21732289364954750667563128934056917612611888284679294528888 , 2821857223813000479968804398561052222726854920760530 4 )
B= ( 55146928659158245937474860115527540495409847695512750194027780385574497271427756527360 , -71605242855709508547663338082056655
62014635834455708605529762451158553819530 7456 )


J-INVARIANT
-----------

J= ( -362614084098818149682204630123736220460210724364349849157456728395307077219958137313/7675610040761301142222062417755441042794
19617150078079980600 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= ( 190316794737861699251238427774 , -247119305919267156491666 )
V= ( 78195111139511371145398405224107008 , -10153345306289141598166678528 )


MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  3            1              0

**********************************************************************************************************************************
```

****

X= -38 D= 3171610417

A= (-3487749006780D0343571141615553805079637036313 , 619306026126044299592780076591969596C1832)
B= (1121194469029783208697351914648841906640928220232417650267758630163D , -199086141312051817205121675277017392155403454343494613866151211928)

J=INVARIANT

J= (-48342354344315845285806192923422385299495681502749273172954156106171/1009503905936711469152778918179225907985108099 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (2410998766088555278759 , -828111673723749868)
V= (3215986654752823105092547281 , -5717591179720065080024)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

X= -61/2 D= $49583397I3

A= (-3503249074974126256206192346302110064272092911358727Z8 , 1494359208461761212077575265268887356041116158664)
B= (3569180756152862890812582950933615981877041900195869363356089190918010927024Q0 , -1522487106917062977117357299Z9:69804819445
907763041925999240662121560287Z6)

J-INVARIANT

J= (-2491913147Q353028185702892193158631688744028115707058079022545510949769688Z3/859484566635765965689595530252124199256514271618
9292601Q0 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (764117045876347522667907Z4 , -3259416648341729196746)
V= (2085765886564623572360482051788B , -689712204950229951795271Q8)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

X= -28 B= 161216017

A= (-5659657960410741864315616883057612482120 , 44574460133858799561969995022579907992)
B= (7329041900580445182620981783201271150200315291393562289665600 , -577223808424141206025269993807168642193231254770993307952)

J-INVARIANT

J= (-5420339730094537772540733565805801235251377554586170003057/6319691415584396815074120436585919938560 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 8=(U,V). HERE IS

U= (9712241972068894406 , -7649180149914582)
V= (1549073459982588300665464 , -1220022716359193395?)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

X= -31/2 0= 1006207515

A= (-33757767553618597107626012507592490865661976776 , 1052819876716990004496291647815705507648824)
B= (32243093465365023483647807209270471021007063905345610625260045462480 , -10164250545837977196161407933365173441991621125510644970606620 16)

J-INVARIANT

J= (-2650405406197605909117530110910138260035612071661966517048743833/41590747633321550210613900910064340893534692659020 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V). HERE IS

U= (73866777457128535142574 , -2320563066947007 26)
V= (1001614095706253966916410360 , -3157473940415279592140 0)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

```
**************************:::::::::*************************************************************************************************

X= -6                D= 54177

A= ( -852082672155828702778899 , 3363504613603019424360 )
B= ( 42013991327902055235563173066420865900 , -16900362145712502150171290312513552 )


J-INVARIANT
----- -----

J= ( -3548371420371063565595003209410469774618867672301863179468800 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.


A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). WHERE IS

U= ( 3768837229835 , -1487707884 )
V= ( 7369067590970d , -290086009624 )


MU-P-VALUES
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  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D

**************************************************************************************************************************************
X= -11/2
**************************************************************************************************************************************

X= -11/2             B= 115

A= ( -4749172190971195623123380164800000 , 4406459013103934733866760216560 )
B= ( 5669276388616522664942587069447502785507313120000 , -5333206607405959599210444374946927690076420816 )


J-INVARIANT
-----------

J= ( -5666056094234815792963310055681795052916113473/2000070552063443349860196170157977600 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z


A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). WHERE IS

U= ( 0916856062020864 , -858827208532064 )
V= ( 13574800012441060544 , -12770097651370076160 )


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****

X= 6 D= 32161

A= (-2000454625073157731091 , -1666967758906610866 4)
B= (0097140516436270459734403843942 2 , 4961107920526443957592217300000)

J-INVARIANT

J= (77500900034555008105074797864201/1259515170000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (223490839710 , 124626276)
V= (-6790516175000 , -3791407S000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****
X= 13/2
****

X= 13/2 D= 3455953

A= (-20618825366882523075650852553804 , -11124441905934033990064006200)
B= (16116078604208805641109606469321090262603909760 , 869507141145518155162511179503401236613184)

J-INVARIANT

J= (1888393442051109625400078244233004100307177137775107944161634360430520146130316800 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (5064034563237B2 , 3164092206S8)
V= (-1572071040052605S168 , -0406006057473024)

****

****

I= 16 B= 3961

A= (-2402869455525613708780952002644086171 , -3817928106431111306211665720669184)
B= (2027488390440779369412057926149648256062994700647862 , 3221483023359349491469235322676114492519357252044)

J-INVARIANT

J= (4951957450285733229002578568706949563315532503840l/27074724775194903183360000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (65285423679059779 , 1005512662709616)
V= (-3944402119700640000 , -6267275157456000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

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**********************************************************************************************************************************

I= 24                D= 175005217

A= ( -29761665395116009284103806482653821041099 , -22466363116837767831278377507299004 )
B= ( 8837007660975021167324686548011529951441051644044604598252700 , 667157243049264961227022165720956034796601751322651404 )

J-INVARIANT
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J= ( 2505407004043157612270526205378300956434139912081957748257/5108573111800099072354471093770321264640 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT 8=(U,V). HERE IS

U= ( 2227167027110167043 , 1601251163059296 )
V= ( -2019905106977935514075 , -1524792329928249984 )


MU-P-VALUES
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  P            MU-P       TYPE OF DECOMPOSITION

  3            1               0

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****

I= 63/2 D= 506151401S3

A= (-3075009700961997970009215945822900847992024467857341O4 , -12704620465572367119140396400150382407559930680)
B= (2936312721809990491000563707629970500449109745097526050824073752495705012455900 , 12128463631540931695134900006300449634144059793000191444106031730970532551S4)

J-INVARIANT

J= (1590045652503700335051907430899069042270342056341691800154530185906819629000131711946531747299767034221845264976724870816825591870860000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 1S Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (71590551226463951857756838 , 2957376500403044814222)
V= (-2155061685404351066167714091675 , -8096523213001337370021524O)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

N= 39 B= 3340499137

A= (-5024061187995969689294308524166163916837144013704 , -869705380191814877959593963399199367607640)
B= (61540135966818900009195161167381220022969230222068532201520379076940160 , 1861457007645706800290230576635751967511604022516187751946621511072)

J-INVARIANT

J= (5024968359259330652416780004732379620217991791447068162474695320573?/0062374654161400699984681855040530689733324000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 13 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V). HERE IS

U= (9153197202266680000042 , 150367093847196694)
V= (-2663694291467420577234560040 , -65737520695766026?5712)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

#1

****

X= -195/2 D= 561140796690 49

A= (-335717705541767815651465485337721397062415496749400487655562530 4152 , 4491653994735341614553377020014470487067666072787797077614000)
B= (3348300490514670817523416482008569802855223780923196498376606616255531885742690043333524808977124765 04 , -4469804810914888575064014002509850812818669748649228589691242988404012518237957876711884597 00)

J-INVARIANT

J= (-2058753889232641526172 8:2924135559957220097180542327896219005609814234429524 0:3704876972701122609/2509551205:6318530727020:7 :2955526435109228756749597057061000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (7480170514459110610765080455002678 , -9985632451330648307287395 5)
V= (6655181710445295005955117959278494464 09 , -8884515965246984968607102641120 0)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

****

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**********************************************************************************************************************************

X= -90              D= 503517916961

A= ( -84234755364578304067267193707024015473891147200275926867 , 1142784134397612984211741265778202012955273570352200 )
B= ( 42002545255778042322155551908193888555C6028567352425474D191564220139140481285579381?4 , -5709:6925797619515041850059726448732O
9815094852726518874882885480150840341?600 )


J-INVARIANT
***********

J= ( -166424802148959618197447723352664682:43C962895107143C6356449518196201692527647838912568007875176972624129:6822591201:6730310
265:0000000000000 , 0 )


THE ISOMORPHISH TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 3746881?1:67932077529066477B5 , -5063267555895290451100 )
V= ( 12010795027860016166761884119400 , -262946589514563473228O4600 )


MU-P-VALUES
***********

  P            MU-P       TYPE OF DECOMPOSITION

  3            1               D

**********************************************************************************************************************************
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**********************************************************************************************************************************

X= -165/2          Q= 2067141873940 9

A= ( -32155799208551022186157998751010950227648369929047153870688148312 , 707207958966607705754224186256294937278635569592172695662600 )
B= ( 31384234073547665693375247998D0625068453520945555521013900920276914575938186408800437046502040838 , -690283750838621496865975108197745841964584507109028051442251778562685013215902604111324800 )

J-INVARIANT
-----------

J= ( -1950713121212785141674961581881004516121431474865085035280144718730538153769555650125155198489/203736785911533878123074850050786595623465602785967736870000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= ( 7320496136510885635155881735579 , -161010935558589890641050 )
V= ( 55016009881577491748968277483848729600 , -12100517583164021128533751884800 )


MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1               D


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X= -75                0= 1827571270801

A= ( -84647238950232812438845458025557926451427151406985844652 , 1980047617905077355972783014570522415981360288955000 )
B= ( 1340547806919560038682031957746069096479167439323152637262215501154528418391010193856 , -3155776812917497828398088396662011187747750162968345844406855957408168479600000 )


J-INVARIANT
-----------

J= ( -859386844112953378318454045621656581669161765449122662978235455523432119358340172979854487750812184916245759300000000000000000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V), WHERE IS

U= ( 11877656822836678355555829867 , -27785925883293338828750 )
V= ( 6352787090108062158439815680000 , -14833501477581916088320000 )


MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1               0

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**********************************************************************************************************************************

X= -155/2          D= 62361762135 69

A= ( -12169099092565147473511610026519098197455472695351849362710381272 , 68738133216356991589157574320203550991559794671249104486 00 )
B= ( 350719599466187346603983959761752210351671533738485853736599240023650872374838220540842340112064 , -29265854956786600235598140866
36100481384869870279374788739561842895979956164997118084800 )

J=[INVARIANT
------------

J= ( -46129625559015309696509291524451355273071412902214422877546552278884244551886411718158557697632686458123556407885927118389695 2
37324558661691725999300000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V), WHERE IS

U= ( 450353551806430156665528223253 18 , -18036988947074533903324550 )
V= ( 27624012844558991672161786517624576 00 , -11065619481985752154988263168 00 )


MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1               0

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****

X= -60 D= 48224615841

A= (-107772469571556648769355260461261308605570515189587 , 490761761354447046691691291228503934418067452 00)
B= (19258601257694372098122503846900705513405775092804097526096908021284250111754 , -87698135866579653357472921626377230665871824
6556187592199430422654136 00)

J-INVARIANT
****

J= (-78639884834217737601466774137828506321589538623962451615558D40571797059495214873557645148500416630755040844204580866400000000
0000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (1540226656333554856400992 3 , -6103007057801185600)
V= (2849692630146614136545176240D , -1297668133363980834255600)

MU-P-VALUES
****

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

****

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**********************************************************************************************************************************

X= -105/2          D= 1391652699529

A= ( -114202255209929072738841577789283874931806310184996455586227032 , 9680755228494506676571165800060542509808184849440991000 )
B= ( 2100753618868259721526147642354435622759610796078447805924877695068512689360030650577 7544 , -1740777612601844625935351655499861
6896153445006327291490776203557399181917476098720 0 )


J-INVARIANT
-----------

J= ( -13586360486555786264259635662441885587811874922756531756132162544034659106729087012449/46351731551705728107580752502557719286
0399467934699000000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 1379627085217698899275300985230 , -1169489368588030328016450 )
V= ( 655716364576035746525128954243580400 , -5558410142199558750721144432C0 )


MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1               D


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K= -65              D= 8677117081

A= ( -5963800279683506900117533187596927489331255314385552 , 6402290296671402774147562482679419090475380O )
B= ( 7927709871069592753591267260422466445137319949326579622646371787700962496 , -85105968681212269589460234247247365120196297133056221024104921675600 )

J-INVARIANT
-----------

J= ( -52199703345102455923779192134159811680854560324470069077418962096282412712782728523964440274825016212911883000000000000O , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 9969787940323286962556222 , -1070281927576616285O )
V= ( 3164379505199441985981196800 , -3597041358021761536726O )

MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  5            1               O


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X= -75/2 D= 187604565289

A= (-10593401638225649961007785277258195111261575250567029592 . 2399584218956903921710637886679487482066419651500)
B= (1823894355056892136757777805558441840771767464311248012682940085987295524720228396224 . -42109295618660112124289986951554736908
5959782905984198507680256969275641200000)

J-INVARIANT

J= (-12311582555555045657137191977579132197131969405699021319259741349211980787918529/3041150774812182491581671719408251827392578
1250000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (1316143465655472590693601558 . -3038655955603626288750)
V= (4459201808135866043191614278400000 . -[02490599857811074364552000O]

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

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**********************************************************************************************************************************

X= -30              D= 778469521

A= ( -5176998620061513535619963684090586230929107 , 1855684122649901168059390981967583658800 )
B= ( 6411803219615463484311519191670787628375160086389295459012413694 , -2298049496581C9227142075913689205370966415226148952406965
600 )


J-INVARIANT
-----------

J= ( -2073555005639775464013938115709677778206446564528793634464665561/1192370297581094925454338816970000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). WHERE IS

U= ( 92888011277609463866S , -332922079272331900 )
V= ( 9737817420022615119746OO , -3490123706459611740O )


MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1               D


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X= -65/2            D= 909990849

A= ( -81201604448058019124253050279410006081196649252952 , 87495731699190096645103320509322536333615000 )
B= ( 1500239818764411503865164597686151312004730408220576374901805795149760704 , -157443665559040091592067976225043974479120768506867849705062740411200 )

J-INVARIANT
-----------

J= ( -74007939731686401995563870850909090975663972773481676910405754623796937/1147850519096851790784955756769416448270000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT 0=(U,V). HERE IS

U= ( 11701461137529721156522270 , -12577660225976193450 )
V= ( 2351294000050313000790001990400 , -247026510506504137523200 )


Mu-P-VALUES
-----------

  P             Mu-P       TYPE OF DECOMPOSITION

  5             1                D
  13            1/3              R

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################################################################################################################################

N= -15                D= 12960161

A= ( -5020750394348018200838620818808111672 , 139421398339714550025004089490200 )
B= ( 19364935642100059010004003009115706494526067541553407 36 , -5377455945692011320631705514709325800538229750240 0 )


J-INVARIANT
-----------

J= ( -161392160800977505329002611045029626238128551503248 1/37592504036779197071360000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT 0=(U,V). HERE IS

U= ( 2092737249380753702 , -0032052475415 0 )
V= ( 2961513905408960563200 , -0225450035034 0000 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D

################################################################################################################################
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```
X= -5                D= 22921

A= ( -12458077898432984652603312 , 822935101896996409000 )
B= ( 2303793997565047507571542003543 1616 , -1581158789078252050567248294896 00 )


J-INVARIANT
-----------

J= ( -3502579009564256110018900849057 61/36509996700000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 144135987702 , -9520400650 )
V= ( 465220487048800 , -307205747200 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D
```

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**********************************************************************************************************************************

I= 7                B= 86017

A= ( -64557079761517206795315200 , -2201160602484014052104B )
B= ( 8928507787267320751155706946021624000 , 3044295010662109387119757905690928 )


J-INVARIANT
-----------

J= ( 16371774133779590702589955955361737/19614204635002452679936O , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 1057665340004 , 3538059798 )
V= ( -677259741376256 , -230920666206B )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                B

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K= 33/2 B= 1139195473

A= (-25292175366646868044963158770085044232188473304 , -74935399716674104000026494768459301390880)
B= (21894866523102177369186702358033055204286524649472178908745927046624O , 64869898200590811946967990833653017004976050795673905331600932736)

J-INVARIANT

J= (651838771812736305479255250014345905102090672597206010935913661/2517529554934470012240517659725214906702691320O , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V). HERE IS

U= (6492508266797819000350 , 1925617579520035442)
V= (-1065184337557353273967574016 , -5155917753690160055111400)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0
13	1/3	0

****

****

K= 69/2 D= 12732707313

A= (-2053152729187694475420737187494157111223505066960 , -252050106141277507015516017350353082011033336)
B= (82295454320492156605030572055335259690904553149676375545783206176500832O , 735171900318249131005621264654964691760083509977514
111356554080576)

J-INVARIANT

J= (26944996769542619573692664785076944231321176323710640976247120949900793/4142726041133070077111934395557845273770304223506432O
, 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (21006547785503415779928 , 193252524137045506)
V= (-17200463162587585605010570176 , -152503687212480900940902O)

****

****

K= 52 D= 1007622017

A= (-1385007020009316830522543005442477774459003 , -4365700470192645221569709210901260200)
B= (2000130270655575344461902555900067072715090000124960192520045550 , 00464377705552470006755516324415165506252709261944459460)

J-INVARIANT

J= (622639466045229702479905057247929495600946647072120005634539137/2505005489050194620080959549925577347171784960 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (151976262038404939051 , 47977000078445560)
V= (-6045651961949424030016 , -1900322144117716992)

****

****

N= 79/2 B= 250927730713

A= (-2382906709508777818648233731154288995247399748871996085200 , -697960924701900744438478265625633393005158720376)
B= (6571867334637475970065329557800065555207026222995252901466079270042992926602076400 , 1325975408182241245315792079609501319666316
9191540751095504611778522646946256)

J-INVARIANT

J= (2295244130463897692276539026407568567413966402097650007076333716724724207772095537567/1998797622529610820406056211002462160119
21125705240576O , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V). HERE IS

U= (1997075443420005004117784486 , 4155017575369936834646)
V= (-2001451070746521490570612315O336 , -5184500815350435480446477446)

****

****

X= -97 D= 850257096913

A= (-13381003593999065558611578902952665835581433728371580561S2 , 1451:71238899365582678108268452388003772742350277096)
B= (84255089146061180403553672022952351705916716520929756612301542355712356303695917229769 60 , -913747322768644098107874005457295125900
02959100866731312131699742586365947822912)

J-INVARIANT

J= (-3777785511073582761832616078309644875898240375129433123388924577032898407871664491279S/491903872894981494519019:69231547235C92
5059771633947156480 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V), WHERE IS

U= (4722164680360194583164423782 , -5121517885706784700746)
V= (108850B50552955166583579511166976 , -118048B15669456690886126464)

****

****

X= -179/2 D= 556333778999577

A= (-58259899943093888442285848427185174335963848968391013387903602592 , 659564902886647775166964030325921565905770362043408632312
)

B= (12877373487595512303447582672579720705662577836043470952013816861993194218267723738110633389760 , -222045553976554521049076633176153886616425647122644653641510954584846103971494040280110976)

J-INVARIANT
****

J= (-58079588760703772865601254924857412846964798259707731785097077340165861272351961909085480555861/21276141159099550295903694037248110307878159525016413255276481393684000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (252490922056591185523080838400858 , -435572024165500839327117588)
V= (6867644299817420475287166012851150112 , -1184231428520191288430020995536)

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****

X= -62 D= 311467823873

A= (-7804887954555068000936751905849990775775829583732325651O7 , 1598490789960111499964490704616510045228644999350%)
B= (11868955236821328934535568157626454546629256677156757227184640938249251335656436S0 , -21266980087754976836376055021867262603667
67961012478079279722357665127672S)

J-INVARIANT
****

J= (-3445101213655988216495342930036642269867732652095786442984600106448970156549608553758585014673552564299922235445557782547883S
85122161611520 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). WHERE IS

U= (11405320564245835951598315183 , -20456234759801669772A)
V= (11092392801980458760186357559992 , -19875526695752131224112B)

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****

X= -149/2 D= 112383123504817

A= (-252934428469910183555259462053115429128902256490898404864856152 , 6948373176835658822047018627408554382747985767385481192)
B= (611946755553402271072060106729025458825521010316105255015735693714550677897091406502496944OO , -1825421192449318421193485096622
39909978658070895213301117692511518135007439210064060660l6)

J-INVARIANT
****

J= (-21490505449267076555554051194586060442393875517710261192547487413117143551559176426511657891851598777750388126387944169DD818
95673595356959222823479300049592320 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (197056019270660228667552415045B , -587747354482784241430058)
V= (44519B6516305234556239051770380728B2 , -1328015556040471256B4497560576)

MU-P-VALUES
****

P	MU-P	TYPE OF DECOMPOSITION
13	1/3	A

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X= -67 D= 95179412235

A= (-455269600834000211539354785262572378961098084751140 72 , 1491449924552215645025398444091040575454493427 76)
B= (16721148395740875210759474040566237652685106178721327920824993649968557960928 9 , -5477749320754169512184326901725354785574224
71682727972243252400516571072)

J-INVARIANT
****

J= (-77091403051200522395244641556256989147072755545243956519488479200021616806671 5/11616791064508759392944667359353109227361527495456196560 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (27546010251005867492660982 , -902399241196179744 46)
V= (45670522642815705489868701696 , -1450635559224289310518784)

****

****

X= -119/2 D= 2956045474657

A= (-455069368509545971458109423362154095050179868597275555222712 , 2644133094564045541413149803594080299955905931406767 2)
B= (52494059925512666021913654995856555690344638597036947627409767955568772062476457547094440 , -3065576812291297456550639025981693
79381695565724474442797185054517467291389953003456)

J-INVARIANT

J= (.24455610629717810676971991030035411007231547719501187151623555665564842017166547055314697/16854695037169641166041625218654483
594489622520985080560755304320 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (868973885806291722537954766038 , -507137045770497570229558)
V= (156355128402135255645555274595051152 , -912379209132271992529664444416)

****

****

B= -52 D= 24421675

A= (-25181947652385935558672656721860172794860552222027 , 5095675702686273191076558656676918042555910 4)
B= (6878552971135857580672330229204088723616601700639505902202540255767051 0 , -1391906511741516010812925995520799930373787245388 2
0686702456892854 72)

J=INVARIANT

J= (-207770577454802885174756952561139947442679555747460752755614542627687627 5/80162404074415828712196570992273142670975781273600
, 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (20486559683197554497588 3 , -41455420748287008496)
V= (12555572375173721028878403 2 , -25406732198930462127072)

****

****

1= -89/2 D= 5195805499997

A= (-14510082048490671765031910659362261307074625242524333038072 , 20129983325670647856877661261643123155679760135752)
B= (3008625987213902010789791653470012269771245299633418597533946086547778220008225522880 , -41738945375315718596710234976329035733
8934175361653127212244117815:4401759296)

J-INVARIANT

J= (-1446191056289381494806098892505536612619634401363026659403820332318909106041859127374062061494781283595315606660922818541370
5316129317454311864800 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT U=(U,V). HERE IS

U= (155551035382145275807498028380 , -215741G8930602986318250)
V= (2C0211775577452901:416591621150?2 , -2888545028431611845457255056)

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**********************************************************************************************************************************

X= -57                D= 2706398153

A= ( -33005364144639978246114559730339548136668791192 , 6344372652751015441955108930334418425965 6 )
B= ( 32639229978809188907225110694799771959955119607369043014669773360000 , -627359543367140261845954269503743078882303955516159105015674432 )


J-INVARIANT
***********

J= ( -160935187537259246251295179344315053611113017098298467345700000:1233/471275575142787874719538992804025002813681664 0 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 241680124263097295758? , -142567586187399746 )
V= ( 642580517729750418270361 6 , -123518619496428219904 )

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****

D= -59/2 D= 45092328137

A= (-17299558433635745612812546017468767497375109511502?? , 814363098747572516026660464200266261597589452)
B= (12378021384691473651351757609619249427418560604845?5:9966127158975425622720 , -5829078533160845666319842445797117535664599434
3211596681256994302681556)

J=INVARIANT

J= (-6338348638574937088205833264882662755106419975892156179390991290635954653??/3250552089692933776154907679634903676092?638097
?5984640 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (53685098702126929741856858 , -252816760543915641588)
V= (47205791748055202973445991505?2 , -22229288194920432864?2496)

****

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**********************************************************************************************************************************************

X= -22                0= 125945715

A= ( -1295053997943426499122852050217555574? , 1163247404019890267007324182260456 )
B= ( 25568500006000161131160025510415095675215405225724?6685?0 , -22706501270012275635596684249217737205672716239749208 )


J-INVARIANT
-----------

J= ( -8885508936170274064712111164402028246320505420055227055?3/17967992967133000899474696313809523916?0 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT 0=(U,V). HERE IS

U= ( 14691574600410?0585 , -1319453125242124 )
V= ( 5730201344352621924?2 , -3550553200952640? )

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****

X= -20/2 D= 600171777

A (-6455320604759405234534693759231537760959192 , 2551065054893363543837679395361049271 2)
B= (2953993748148104534399381034600050004357218056034774002048096960 , -113266183739992751674052607672757871379538176436068189381 7 6)

J-INVARIANT

J= (-1815430795603950898746608096923657956718319062276925215701206617/6400676995539173404013396963669741748061204480 0 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (33299692372058440403 8 , -12760236483395258)
V= (1404049487953392914673 9712 , -5381460457465261967 36)

****

****

N= -9/2 D= 814537

A= (-2205527065001849197293585322892 , 25325921601417563761676787927)
B= (1000000763000071015064019116002206153974476400 , -2003950427856500313379259369704462062369344)

J-INVARIANT

J= (-2965219507122313609561472201324103090527777/101000563696726017870610069037024O , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B*(U,V). HERE IS

U= (617445344665542 , -604136769022)
V= (2203762650291112050O4 , -2953045715654000192)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	O

****

N= -6

****

N= -6 D= 6641

A= (-3349700834201004831 , 61350907510355136)
B= (1064790871602497170092101150 , -1506624444172603032711640)

J-INVARIANT

J= (-0531767247624302697788020401/1075152000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B*(U,V). HERE IS

U= (237163051 , -2910256)
V= (10096900000 , -123900000)

****

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**********************************************************************************************************************************************

X= 15/2              B= 8521369

A= ( -1690006427876944621219747870774180972 , -5107350947220205307012906449400 )
B= ( 9909201890747766834933447491254607001294008107094464 , 33945639226256123135662080775577027273517261920 )

J-INVARIANT
-----------

J= ( 20191705010004092331613353087194456397066236041169/7033736490963705924781170000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 4995912493193991B , 178000824919590 )
V= ( -4337667074065726950400 , -1405940077100012000 )

MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                0


**********************************************************************************************************************************************
X= 0
**********************************************************************************************************************************************

X= 0                 B= 200033

A= ( -3146073786560859902300967 , -7036271313054060000064 )
B= ( 9609553401601720012947197951722470 , 21405642250950254609056703446068352 )

J-INVARIANT
-----------

J= ( 9967949626090468327707492407215500513/1411535036407254490090240 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 2290497564685 , 512120576 )
V= ( -27049438270600 , -6007950640 )

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X= 17                 B= 21375217

A= ( -27722400195060195525252004920954644400 , -5996490275911207566006760373200 )
B= ( 25125290491716357902280045590159214428072676014400960 , 5434700004877672256420741515617769596965522280672 )

J-INVARIANT
-----------

J= ( 71025971021070410096697410451335700242740565131104971605300600616920047406672939506100000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 67973675511114454 , 1470299409395962 )
V= ( -2903911110627609000 , -6450326545350656 )

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****

X= 25 B= 224972401

A= (-153754364589790815647899437906383066029790852 , -1825091977944610170371752511509150500)
B= (3201740894961258997755662404141200093418910451026026221050866456 , 21079614939644865985761618078480095162946705541474279560000)

J-INVARIANT

J= (1470587196398109704431926650295276786484751269063523071720171761187004416000000000000000000000000000 , 0)

THE [illegible] TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (1600003893015472050662 , 1067260095400662500)
V= (-3017099736706200044000000 , -2012056563253240000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

****

****

X= 65/2 B= 70845133969

A= (-7501249445390925343043779131305245209291097862072367 2 , -2818995430258178598301796667537260140918540554008)
B= (1111876066552300018861921050305828731694131865461854063764804123267726870862754264 , 42032205201464464630158722845423872223693645273176167455618245835416507200)

J-INVARIANT

J= (5333747055380971121018921288200411709281140787472045015263299790849383586969/17983545743932972317285417791958206919084687000000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (11102761761420127868719011B , 42014002776485471745D)
V= (-3466614061502764121761211512640D , -1302418274771536519317240D0)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

****

****

I= 40 D= 3093641441

A= (-64527416648218207990508750299012190144952365787 , -10341089591493841343140264780578272030000)
B= (20214965065349941457454209476130856040172906720810936031013951453O934 , 45216979046675054995246116109166946867719082458043421
95471478400)

J-INVARIANT

J= (894087651611809426104378546081222709113190150296629281286097417723211867089949386632308310330427539456000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (32790160329104245994723 , 525555442409678400)
V= (-405326753908477546429056OO , -777779075133998121600)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

G= 1972 D= 52750300063609

G= (-2519611800302205760950019961760065143966057072540500000454292760216 . 3460854209961823646047787810947206481476561656817609781
021672)
D= (21770240005000251657354376648310954700437123206715003850700024575174190437600177000037500002447022772 . 2007105759460947239572
77087024461913300013410017269939267761331747551130000020053363631040020)

J-INVARIANT

J= (-1339409124705305642977665500014094656555365400990600000521500379477741200832940269069900437004785739-106397430024211132510920600
0676855118654054052507307601571000000000000 . 0)

THE ISOMORPHISM TYPE OF THE MODULAR GROUP IS 7 MOD 13 7

A GENERATOR OF THE MODULAR GROUP IS THE POINT 0-(U,V) WHERE IS

U= (6400240534618052200832001560403494 . -0021577375750003221600454000)
V= (5705036004231016408302002102332777600000 . -705542200643334492504042502000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

J-2

A= -80 B= 508213680021

A= (-[illegible] , [illegible])
B= ([illegible] , -[illegible])

J-INVARIANT
....

J= (-[illegible] , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V) WHERE IS

U= ([illegible] , -[illegible])
V= ([illegible] , -[illegible])

NU-P-VALUES
....

P	NU-P	TYPE OF DECOMPOSITION
3	1	D

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****************************************************************************************************************

N= 163/2          D= 19210519556729

A= ( -22905714311003002544305091456731430050763794535524770144193000336 , 522497000450450774620045110410064022960403035474116946278
32 )
B= ( 1007030200500626070044040800107000005030433002620152567417025636113799000953554916492030130709999232 , -430446227500500000300794
73304105046605390237976701007979471511650094270336004019224066 7504 )

J-INVARIANT
----  ---

J= ( -1175909600342223320490716300724097625203000337724034101070961716262166014202572099534146490052 0/14340125446762231058397343260
70051470290369944791100707770000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD IS Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V)  WERE IS

U= ( 61706000144360002962091150701173 4 ,  14090406693490008431453761 50 )
V= ( 45065023290770000623319534207971200000 , -10462349615920964734102054400000 )

MU-P VALUES
---  ------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1                  8

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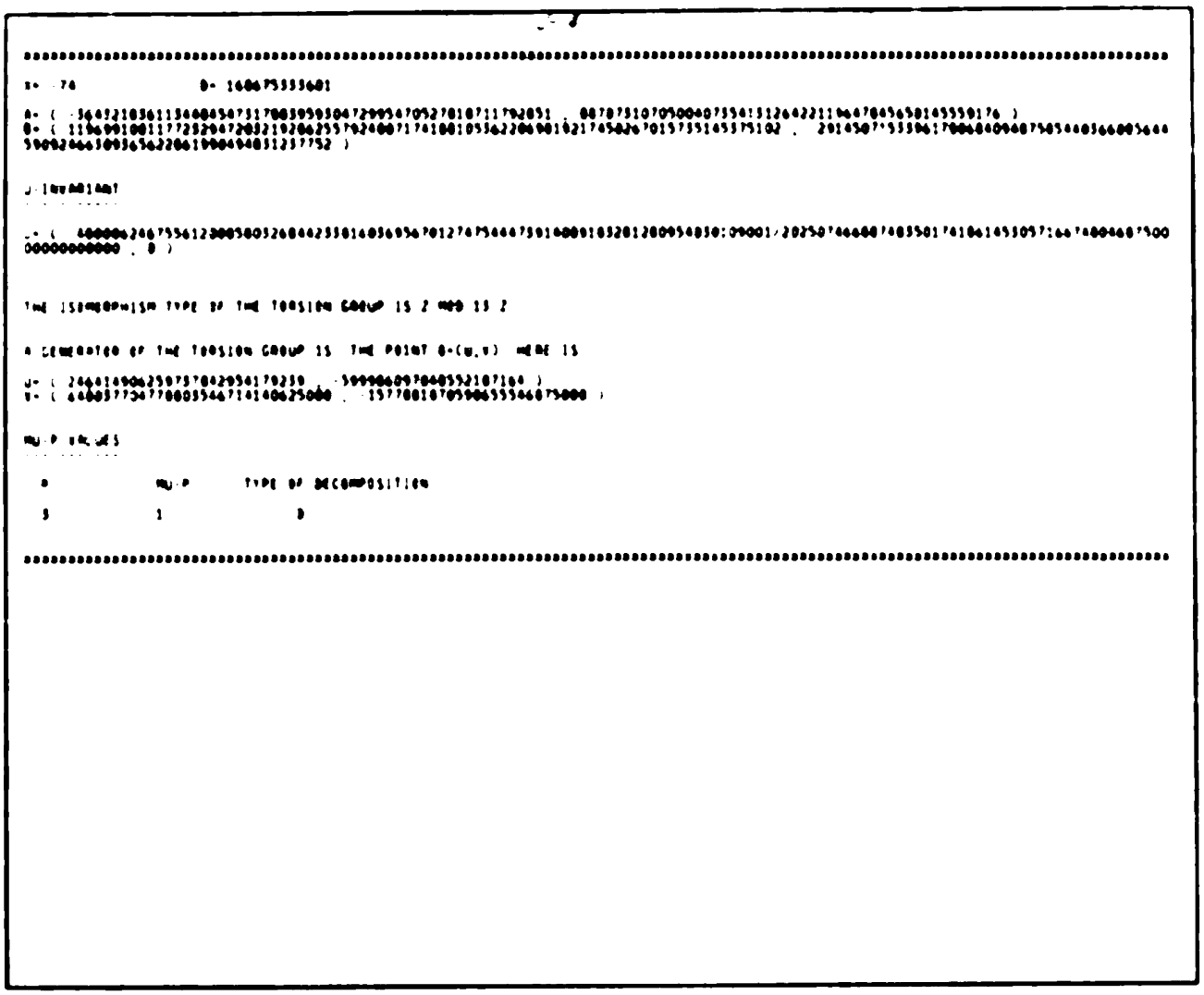

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**********************************************************************************************************************************

B= -133/2            D= 57026549097699

A= ( -0048111953905405553861119674154648817404484954686201590279962440956 , 33668514620610332329677595179648201863554239990299967592 )
B= ( 39242911035962342035197231690194945917606978754314708177673511725410469541524035013420057953703921 , -164330554629578596804040906863
0600605513957563827073372090063202306490055749145315207067014 )


J=1wvAA1AA1
-----------

J= ( 2480514501582019774900651097694404637938176005410924222027305403566801597465709677965445832074119209622268933649091814927569566
03491744836284216945000000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT B-(U,V)  WHERE IS

U= ( 3660628256005016237144428269971.  -1532* 1407061163746944618 )
V= ( 2211665500047540780765786734220000000 ,  926149109960590350146105600000 )


MU-P VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1               B

**********************************************************************************************************************************
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****

A= 59 B= 43622951601

A= (1001004025799454040590005023333012006500611304105401 , 5179543573106337220000000302990457357022104784)
B= (61247234405410611321334534206303400035331945465562587670775620726490116010123968 , -2932439401575074370333035011944644247923758
3518756104000705486924431824048)

J=INVARIANT

J= (3916404402770710780455404875002044144510072209996463858261590955761152754013807473599079834603736419250523736770400000000000
0000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V) WHERE IS

U= (624619422109537699320110546 , -2055010065129538222126)
V= (1775170995004735427066000000 , -84992923796174023600000)

NO. P VALUES
--- -------

P	NO. P	TYPE OF DECOMPOSITION
3	1	D

****

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********************************************************************************************************************************************************************

B= -105/2            D= 1240091978369

A= ( -67035636465401262000009044565514852400034676966778570025561877 , 6017636111557665732505590666771723820161738542992500952 )
B= ( 9447181555112510100660118245596790619975494418290460467435662221810007632250948377176361752 , 64887697616769601858718900721865915
30993782449504046182423996159761335157027526026304 )


J-INVARIANT
-----------

J= ( -61226818290553858915192916486997819220416987426321611795862761290580962290605705072926722750027283747263619461944515958241
7335920047600000000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 15 2


A GENERATOR OF THE TORSION GROUP IS  THE POINT P=(0,0)  WHERE IS

Q= ( 1059698978769541975005537819021 , -9488635632787167987827 )
P= ( 4926431154784687421651318703040000000 , -44226756160543369496300000000 )


MOD-P VALUES
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  P             MOD-P       TYPE OF DECOMPOSITION

  5             1                 D

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A= -44 B= 75900876561

A= (-2002115227364228308421416505242446157794158784491 , 2296008218775650304205184457510520233252736 ,
B= (487636340007038269044490464579618376417363129996340113168760007159355222 , -559722703795605814224491:9040436811682067:5332624353
05035157815005512)

J:INVARIANT
---------- ----

J= (2060770517386832144851846462487376256162515122280778897457718886986920I-6603561855835099365261975051738316000000000000000 , 0
)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT A=(U,V) WHERE IS

U= (1026786158197778187984419 , -2096766982760712624)
V= (2033300348376556099107500000 , -1252151111040319700000)

MU P VALUES
-- - ------

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

****

****

V= 73/2 D= 159766050889

G= (-49186446269435001821419526205143756123540423992805044696 , 123363787134695660401044190834814072465394377208667912)
G= (595962429148516004297148201961090712501700754600624716665100265937795784841427312 , -1491006612457113831785114219294006187613
92500735260665652069734682501770112064)

J-INVARIANT

J= (-40301963787821033675554103656349383004231000022225416792651384736593239029097291435139995412121587500091492792048199096679600
7500000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V) WHERE IS

U= (90651772468657454237706454 , 22680089206950136571158)
V= (297424250122650627520610000000000 , -744149548332099547000000000)

MU-P VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	3	0

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**********************************************************************************************************************************************************

X= -29                D= 656406841

A= ( -3261663031813135655341137510632031105164987776 , 1292716942011585476725470342048602824456 )
B= ( 1013962160849011759191585650309964531201734961004815010894957252480 , -401873472609941866173998717265422216214843131031557913447788 )


J-INVARIANT
-----------

J= ( -5496139485894628990452561195549781765887990584747985367925877/3495866232322024579548100143900000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 2331545673218359679286 , -92407724645599266 )
V= ( 4721215647597113250400000 , -1071191209746224000000 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  5             1                D
  13            1/3              A


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X= -63/2            D= 6924527209

A= ( -2403929802050265417142676758556844785333445241816 , 2888861482843018219486058776910352383788472 )
B= ( 2028830568896422502239425912370055804747639656115548094093463242185061907 2 , -2438095543671110613359582587821127709927195158790
0432890243801606342 )


J-INVARIANT
-----------

J= ( -1524726858702070634393323996829475030123001598485761092894677384339529/4125763023332408362355489015542271804610000000000000
. 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( 6329731737049934021246694 , -760659408449759319B )
V= ( 1205289982256086057009537600000 , -1448426573170181559200000 )


MU-P-VALUES
-----------

   P            MU-P       TYPE OF DECOMPOSITION

   3            1               0


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X= 14                D= 6650321

A= ( -4863520298519198644400303049262931 , 1653615829222357871602954907496 )
B= ( 1846244483269630156178553069195037134079811240541 42 , -627730309479464286068728395097163584089753204 72 )


J-INVARIANT
-----------

J= ( -1000349250 49:0054342151486925444472870459634863001/5469864489574222011401000000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 284708333278 54599 , -96800194133484 )
V= ( 1356192914647252 5000 , -4611108689775000 )


MU-P-VALUES
-----------

  B             MU-P       TYPE OF DECOMPOSITION

  5             1                D

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**********************************************************************************************************************************************************

X= -7/2              D= 205633

A= ( -42177947610018607535594749004 , 9301201163553034212700120 )
B= ( 1491053757873061183937054969493798899023040 , -32881142240538362483751474195648310464 )


J-INVARIANT
-----------

J= ( -282159420555927963979388670829631621033/1525224926978829910810843250000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 2655097478611 8    -585506929 8 )
V= ( 7553015626342713 44 , -1665612349406208 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D

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****

X= 17/2 D= 10739249

A= (-701779490142679456569253771668029656 , -162115515119964989969519605429608)
B= (32001041773568503502081936461833181095052666339648192 , 7392443701144395290269627680476998604608306309305)

J-INVARIANT

J= (765487028541313040876875201175190568474787023265297422727654995704650077577270000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (34292859734801117 , 7901077610508 2)
V= (-3234466231895817920000 , -7671822227465600000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

****

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**********************************************************************************************************************************************************

X= 35/2              D= 1653607809

A= ( -139938792737912866645729308869636128841794187123 , -3462296227309736406189317610713113409340 )
B= ( 2849510724066506597539029880466795627395368257168004483521292626758 , 7050118152792380826489705570021979583369832137954769007757233200 )


J-INVARIANT
-----------

J= ( 113123287034490920012124625606046171108751323370689909619897956897/177171794829999862567418397695788593000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 1527192268524696760459B , 377850359154216950 )
V= ( -2643301807885558623465446400 , -6539926276356751111 6800 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D


**********************************************************************************************************************************************************
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****

I= 51/2 D= 16241368417

A= (-7286603902194851846636845412923292989057933034712 , -5716031759586337786870195692975370188455624 8)
B= (3384324700029881221505300171044384885848300552004941494704927950080981240000 , 2655508110977858161835684506276205917442530482490646407587010578527936)

J-INVARIANT

J= (1524491570408678681885126394712706926139940671239655067046558124707828571360763066374448959524849425861939176419669846052454040 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (348439.91458265049581394 2 , 27341104968925235678)
V= (-85674551592174052205325531599356 , -67226488027009780891594752)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

****

X= 33 D= 1214317633

A= (-4320370505999732409865722237766446768254302 , -1239809188680677209097473584815102766954)
B= (488815100392194360154740485099192586137796760749032972102251643872O , 1492744139296277706195654525540711565705850266960570684857171 2)

J-INVARIANT

J= (233764784703494993674779710553535959343518849376085984204459411 3/6419838792662589051457372086001690092765104O , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 1S Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (8485645422508996952838 , 2435110816957249B6)
V= (-2085500225360288846990540O , -5984723500336341319G8)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

```
**********************************************************************************************************************************

X= 81/2              B= 268646702257

A= ( -3944791150432639909664713953189097509070827267251064580072 , -761085169257676005190810564119756576141317530673680 )
B= ( 1348649623900341334425252559097210726515105978665387043414166580664810338391255180160 , 260200650947342035451870725140267533176817818716957593117237921805114108410176 )


J-INVARIANT
-----------

J= ( 669097681457118744022349400074445547395245641691781841435201878549326944811462977118424405465404699999131639255509484164505937512010866401200 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.


A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 2564108416074233157521746342 , 4947042340327935927978 )
V= ( -985216606843052907926416701239296 , -1896961201701296134875202432 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D


**********************************************************************************************************************************
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****

1= -96 0= 7991520083457

A= (-367857567042912040532229481216049360947113752812555822051 5000 , 5478794469292167518816468174168672004461954484427776)
B= (6226167519587163671157968376690682311040165867892829455306000621514225246517629922577647900 , -6964736837367193535007487000240673581
0424832019501252068154600002051004594712555 52)

J 1=

.= (-2652160095365971563116751411822651052495109241243718111855065450317812238915090007521 7.16407642782455446075207854844035553027997624404202791095040 , 0)

THE ISOMORPHISM TYPE OF THE TODSION GROUP IS Z MOD 15 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(0,0) WERE IS

U= (9190854737976164150057029400 , -1020951907956511177 5824)
V= (5187169545763673079417725553482 24 , -35205004750014205042201344)

P-VALUES

P	P-P	TYPE OF DECOMPOSITION
3	1	D

****

****

N= -177/2   D= 31440533221013

A= (-22664034642707520735203210061520321244113635013357035654012073570 , 404:500061620711031005772900014025503142035600054470:61
6520)
B= (507343100262350753740153605131621237205475046723100307720321006332610510200602050330550432507142400 , -10473407016601230115227407071235270403650277532035507720764600300607006443479020433292761606)

J-INVARIANT

J= (363333046065032435453332050574760702101112070436400360350023233300490190604103559207315421371105371559226455756:71335032553305;
67553637023550052712060413260266001726210240 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD IS 2

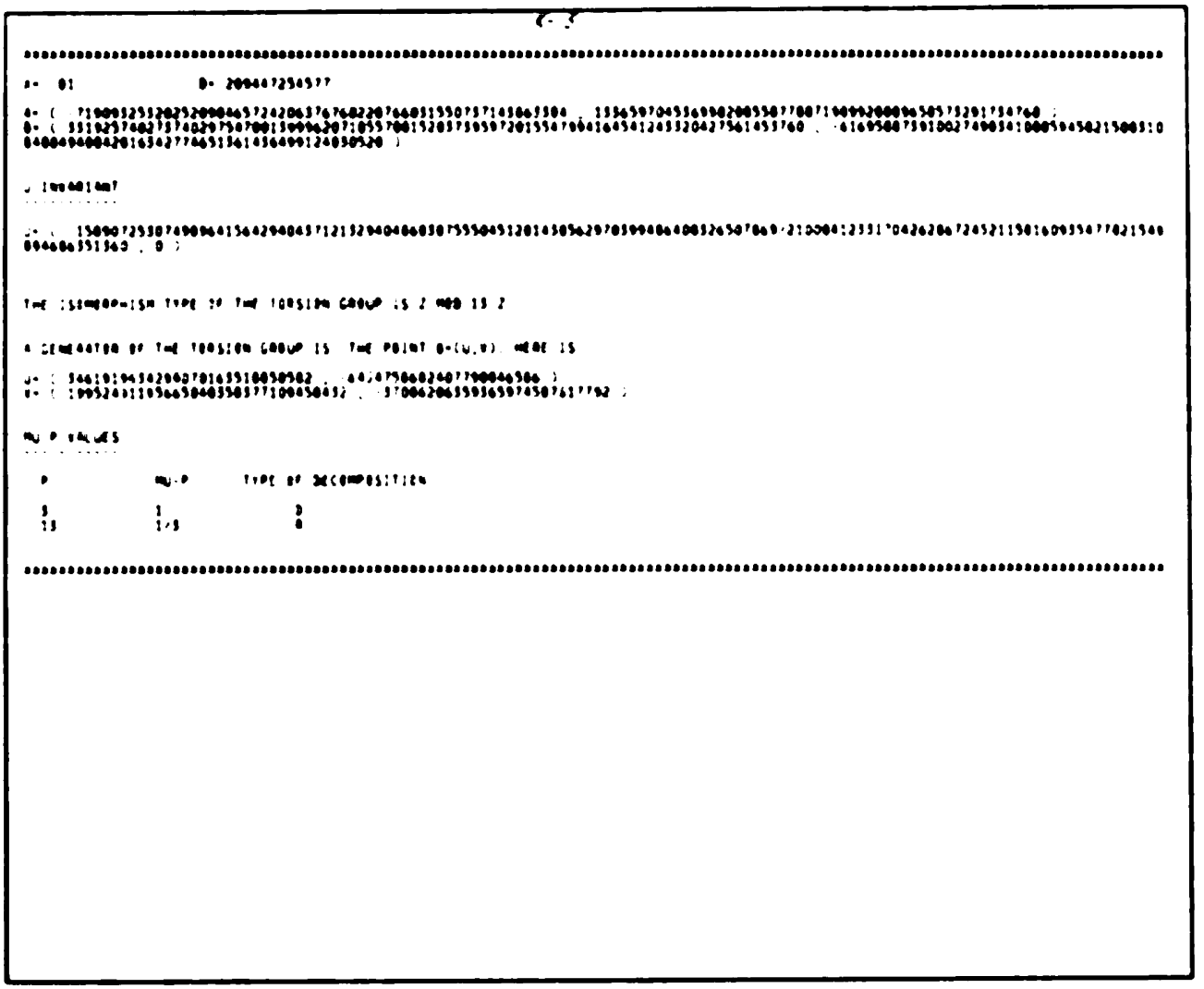
A GENERATOR OF THE TORSION GROUP IS THE POINT N=(U,V) WHERE IS

U= (10435723020607424105700500707000100 , 34657757210066490772690040010)
V= (1560077420007013546000697070207376130420 , -2796190035331095015566070724256)

NU P-VALUES

P	NU-P	TYPE OF DECOMPOSITION
3	1	3

****



****

x= -1677/2 0= 10566705824795

0= (12960501604780423711770290553177820092966532276682761016760124504 , 402533807532176750094265005523001259290900013126197155852
0= (25190001940872106050160592104780320016750943009782305055066782195265327027937400402659110567204400 , -70001900494651695040031091
0409916864415371910652031690223543677924620254953922465544044)

J= 1=v=01=n7

J= (-15922109784011214046937003710590005307407350470574044622571829090152657561439904451410009787377327000032041755764291751072215
0636077905570154586827507660752096 , 0)

THE 1150=89=15M TYPE OF THE TRNSLTON GROUP IS 2 AND IS 2

A GENERATOR OF THE TRNSLTON GROUP IS THE POINT 0=(U,V) WHERE IS

U= (1469726020163249550193582250107 , -6546726454466204937150105)
V= (9827185975648040572669154916828335104 , -5052150020835400073644730275320)

KEY-P-VALUES

P	KEY-P	TYPE OF DECOMPOSITION
3	1	3

****

****

1• -66 0• 0517010129?

4• (-151000272070733005112590645751554270704691733590153690 . 52015311466751143386231749509039155?02962994667e0)
0• (10101371092407210057077235423821154996255112730549092150900879022713426553449464590 . -3400526?7045004971270505056323?049004742:1
24036?961040046054152940362524152)

. Iwv001007
--- ------

.• (.4121490035100.191145?1201095?0300109107047001350102266991153309290587439631??/?5301446?1469:52050229561125377490397901452950e
0190?20 . 0 ,

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT 0-(U,V) WHERE IS

U• (503004750201?11661727506e3 . -1?3486501909116452446)
V• (11?007?37025:269301447095021e4 . -403654221?0302010429304)

MU P VALUES
-- - ------

P	MU-P	TYPE OF DECOMPOSITION
3	1	3

****

****

$= -117/2 D= 2653630638073

A= (-2293351647313004000827562020093699023159051657005355052644614099304 , 1497020403990970674161050600405638011947903057970520350120)
B= (1000446701343101002544186900640052725536644022361700047154222000001200922746804467065511702400 , -116050000764190600451084417263
943204000582700004010033070961602044967115762740769926)

J INVARIANT

J= (-12091115320900037847000603640006003468270237615553730696080330923490726327300274660459039031035003519591117147464603573403877169
0043196207730460047444504935600 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2

A GENERATOR OF THE TORSION GROUP IS THE POINT P=(U,V) WHERE IS

U= (61024367479459719000031954319560 , -37952346037551022608307250)
V= (32700076511770227030345103947831711504 , -20134377147090300102203437370600)

MU P VALUES

P	MU P	TYPE OF DECOMPOSITION
3	1	D

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a- 51 B- 18293584617

A- (-1005052302402141229868543735055238326578591367848884 . 1409101276790585'4511'501'7545736618402598240235&0)
B- (143217791757093119814216700004483108679581773237165248579311467227745907962560 . :05888770897953024518776832900657848526751387777
8427184738836555052848484928)

J-Invariant

J- (929:913215700071491772625776194698283'621866753478105860124290521344848S' 4593:693229&0805451325015790005536145&79955337216&
. 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP .S 2 MOD 13 2

A GENERATOR OF THE TORSION GROUP IS THE POINT 8-(0.0) WHERE IS

w- (563597619879159487359&822 . -4166905247419316&344)
4- (203194263468342087568543139&12 . 1502326784278429846846472)

MULTIPLE VALUES

P	MULTIPLE	TYPE OF DECOMPOSITION
5	1	D

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N= 87/2            D= 45300354705753

A= ( -62691606127479014675865369526110629956582255724796563900104 , 93862705867453656007099492134822535603945672504831320 )
B= ( 0544330511691715201083591972333151707596400004470318120431156165070049955709204367040 , -12603644596816841649599505570206907154180161795297467710469379482463947269743604 )


J=INVARIANT
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J= ( -3650265690153331057373223434842042062200044209356020505990251203120204114099515706313/211922822299722624475716000707616469714663942072273655795971200 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V)  WHERE IS

U= ( 1822184641012532941761490438 , -15173030062560312000670 )
V= ( 4011752806123503555918995850000404 , -5955253557524016209962640044 )


MU P-VALUES
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  P             MU P       TYPE OF DECOMPOSITION

  3             1                0


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E= 36 D= 2299495537

A= (-704733923482182100010030284551676205577270299 , 1636462816415362347507520167493773950994)
B= (11965938110918109531597959636302153125230822862523466734537908219190 , -2495344242944408526480074613487702090834533547052119021194446752)

J 1000401487

J= (-5201301758487933482704662304356246151603387954849350392865714363377215532632090342511545870926205456393052160000 , 3)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V) WHERE IS

U= (1143630194451011480155231 , -2384895229702532464)
V= (1445169492594870004589338 , 5013717219659706004064)

MU P VALUES

P	MU P	TYPE OF DECOMPOSITION
3	1	D

****

****

N= -57/2 D= 36748721053

A= (-5429105833983177914890537031510321475633599791480466904 , 2852090642656545165169205606872321500663455412O)
B= (21774867139368754663642780742125722701507051445447208330202139086749520715470 , -113508507885446440896400706163777070020202670557912210297229024401457446 4)

J-INVARIANT

J= (-15594409701520173867920500485955150225656479214753947215821024598777009600833/12108618204253091959765329106871512152981086574415537200 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V) WHERE IS

U= (500807400510177804549005318 , -156916040916310179298)
V= (765058571605800553800408942504944 , -3v9950981947769125912260600)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

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****

X= -21 D= 94150057

A= (-47097820252420723863359597157165032010504 , 4853896529575547622776444135205051600)
B= (17593909280926544209271267308302003274756974127001020890810560 , -18132547354727414834395411002726193508796966377682571328)

J-INVARIANT

J= (-1329966250053812712028090040003672674964736526246935951617/402515648381155940263287661473345204224O , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (2001720590772353346 2 , -2087450378453746)
V= (4047746424967734069299 2 , -41922152977619481952)

MU-P VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

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X= -27/2 B= 447330313

A= (-7851414985480054795643055175852552970659704 , 5702764346126750057162636626155569662520)
B= (11929553607781529782608446056851700341944186047296034003298595824 0 , -5644059220220500232120186749475862292114649115377776749086
4064)

J-INVARIANT

J= (-1051302840558229150108090654956197558028018971475295211600355 3/872543747:2534655249700141220664413557908710 65 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V) WHERE IS

U= (1142470591557139952598 , -5401705052619111 8)
V= (1341259662669979807611005824 , -6341597070000036071168)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	D

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****

X= -3 B= 1417

A= (-3612069941222087?8 , 9595579095541432)
B= (11817016504764715201?551560 , -313922036530916745576403?)

J-INVARIANT

J= (-191229978451270579144?9/5349660?6809536^ , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT U*(U,V). HERE IS

U= (246072486 , -6556862)
V= (46609219504 , -1250100032)

MU-P VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	D
15	1/5	A

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X= 9                D= 410897

A= ( -1489165412966267117068418018 , -2300855547001867193149204D )
B= ( 9801049993279927073554133314105800053033760 , 1520355784703795023980924902723547038272 )


J-INVARIANT
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J= ( 25186704169169179878724852602529093457?/5799232896575484430437500D0 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.


A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 498219462594502 , 76978103274 )
V= ( -1836521772797113?0 , -592767053016?2 )


MU-P-VALUES
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  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D


**********************************************************************************************************************************
X= 19/2
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X= 19/2             D= 37505313

A= ( -2554380004056220317290905078104947928 , -413392557952465065594254051590960 )
B= ( 6944975540073378630405723177850067320409671104514014O , 1132021896210995077957973267159105087526659066409G )


J-INVARIANT
-----------

J= ( 15606041768430156350505982145057426517073996242607453/1303609682301522101227514471552116789240O , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.


A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V)  HERE IS

U= ( 2055309653034204O6 , 35524952094084 )
V= ( -703340957079219354?216 , -1147246715950851104 )


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A= 10                D= 30320273

A= ( -737072331419424761032844225295914067 , -1340035299772784584257736072096624 )
B= ( 345082754090020935015365967142061502465758207700364670 , 626612904430556500425563720901130275621469463460088 )


J-INVARIANT
-----------

J= ( 006941655654644284163037795655032014355879216031649537/9304354091696119239060732365907140800 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= ( 3507071726965206477 , 656826031664084 )
V= ( -2453069302213934426116 , -4818050271196405611 )


MU-P-VALUES
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  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D


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X= 37/2
**********************************************************************************************************************************************

X= 37/2              D= 2295163529

A= ( -8659045923227296865775578406095127024784856 , -1807437238741458646905520672800858872352811 )
B= ( 43059954399247541066792179451612886827701056901008699030007955422008 , 9155063453120013006091492294102691116807589726424260653987
75904 )


J-INVARIANT
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J= ( 1298071075571759051508583572296105292816915197204367952775596985299/9405925610985074756585254954710592030000000000000 , 0 )


A POINT OF ORDER 13 IS B=(U,V). HERE IS

U= ( 37989151377629999125926 , 79296272911427938 )
V= ( -2306307406013423138144000000 , -4814047559711107200000 )

THE ORDER OF THE TORSION GROUP IS AT MOST 26.

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P= 26                B= 205570001

A= ( -365414043036550271431510665005008295971 , -216233137024774921970876049257933O4 )
B= ( 380225256506079017443618001753457764019510070075305097623O , 224997648225611591256135446480493669082913863454124712 )


J-INVARIANT
-----------

J= ( 803214390237359071027422479271926258623600868195928260270O1/55O846705702870106323242187500000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 7003995566090533871 , 461800100940404 )
V= ( -2544958496650765625000 , -1505974975701250OO )


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P= 67/2 Q= 85134096449

A= (-219830964041305133471909905420216018280990680429442776 , -753419908224210301068379068750766258479571656)
B= (561043521825431775546014754538862816488439280241040008320795797147680019693248 , 192284656956004861208355686442620003425591161
9259858777769492671893152641)

J-INVARIANT

J= (196180409036468377075975400274197851089651537015883964705251312153462978523294402404794327127386784758587218629520401889700
00000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (191411044398415546601212B6 , 6560199435429211699B)
V= (-203643431266010143110B969600000 , -697900B8606107562528000000)

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**********************************************************************************************************************************

E= 61                B= 4521009601

A= ( -257104025035475523917842644815747263318172245 6 , -382373006020402983406956063996415902541 84 )
B= ( 709620947363525365695215001289777507735932900260962425346139796225 92 , 10553702948307941192641681185199504035379170 0:48170226
2065309888 )


J-INVARIANT
-----------

J= ( 257153279207544547782753771690657566712842220356555278100755087644 01/38639600790081390242130634490249216 0000000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 207004036750326455467 74 , 507062827402797706 )
V= ( -209186471120330272256000 00 , -511100611606118400000 )

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a- -191/2 B- 495734445465 13

A- (-2327645605450864257572656566679406660345811350261108229867725722480 . 55059:977300863673913404540002001021209976267319008341433
04)
B- (19336291242131012000404191140811320053463612430207062079595406624579900726731635390418268760000480 . 27654519685351699367755955
5440706767345160172456257710665067522052211574080307607620656630000)

J-Imvaalaal

J- (-0675304004751634220012666601044671050921954503727361610697134976000197655100095445645212154411135 :30349:68200745075240241796
0210592172475179015176527201752935361679836000 . 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT B-(U,V) WHERE IS

U- (622864904505120095731575361052006 . -0846234959007176924156 7176)
V- (1000938733687781455707239371255154 7004 . -2569196904977252359326269912004)

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B-  00                B- 4752020104417

B- ( .5544770122259780018371780000506705197632997757136344683 . 00780062544095490836165005546252316505505720047Z )
B- ( 2259612424630244670269547779997636444005300363460559545260000207412030825047265432?0 . .32705200173003150000410432102229135901502
5160706202200504057150833420245030232 )


, :00000:Am?
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,- ( .65240361271864937050076967967197354466993903334178137513364495422172039206990000817 20726990187020500620787654627555010090698
5030047494037120 . 0 )


THE :5000000150 TYPE 3F THE T005100 GROUP 15 2 AND 15 2

A SPECIFIED 3F THE T005100 GROUP 15  THE POINT B-(0.0)  MODE 15

0- ( 504542554822769520333062?1 . .441067432811219157952 )
B- ( 3101026253716463987412346512?4 . .461542032500965315542912 )

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8- 161/2 B- 17051733646713

A- (3000154013493223964177500792144253862410023413000611457006536000 . 67401468779478324417357251848245432277602990202459401915144)
B- (1544712223300043299401920190511774620123750611197007500642222627629000407771446114900600972618654400 . 3660746365500721650363610698895531355070004936450453044477623605131012962030366500773104)

J-IouAA!AnT

J- (782062644119054057663154913545521807124600095216505490093677667964630200004977506460321617958746737180500146305909782529695776769868748145910710524055170447928100000960 . 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT B-(0,9) AND IS

U- (5782357842183099824636826619600 . 1360567777927762429073337704)
V- (1613943963646478503559700050174469344 . 3304370940786380824301292963684)

****

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8• 75 0• 1559095 70017

8• (4015000205155137908542152111000075344654073203170660000468 . 12503917092063302820563095300020020600591000193032)
8• (5960051220311095120033931733045000004404677674424647126725175247649168254024095 7123 . 151137267779387000047074511703741464000016397700155005055075544465505170340 0)

J 1000014007

J• (2725510016659999001947699302382056165035460180404756262202705569270562400731 7257/1369059052535043667446401030037001010650711475 6405061 3760 . 0)

THE ..1=00•=15= TYPE 3• THE 1005100 GROUP 15 2 AND 13 2

0 C(=0•••00 0• THE 1005100 GROUP 15 THE POINT 0•(0.0) =E0E 15

J• (9065594600200535244701000540 . -22900360262959030230960)
8• (1547641536563060613350059120032 . -3075204270134403976010176)

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B= -151/2 D= 52094467363I3

A= (-651?4351807663?6201001?65241?554001092527621426128352544872O . 2055491??866910965524004?46112691597047056344106425335O6)
B= (2044051409062544?4042650009627?5543557014405344611?193994453211645000959938354032642004473440 . -12540227403470187400010000429451
0100695150114145?2232530000385402426329470164046535O4)

J=1??88I4nT
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J= (-1321407122765484107?10426?0646470255076865066551920197168?5153395?32461044636044533050:1633/2644645545293912032915000?'5942?1
1555165424075106517406006239027?0 . 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V) WHERE IS

U= (32954142905101564585324106040O6 . -1443990129777090011020014)
V= (45364140957014701?67044202113453?504 . -2063770522134512206994?613500)

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B• -50 B• 39393133217

A• (-91956001209827006112655551560965645525380517713763 . 261773565067817201454454605379511424699053032)
B• (64463916400827020631637713239754050947006790402936875326862684961609612590 . -32470282476349415612447940154585460820664750717048
9677030320027513257752)

J-INVERT

J• (-1025251650000900321020768204204004439523462855111032705372536050641952442977-1048709201041426653220101698426780167004202366073
6000 . 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B-(W,Y). ORDER IS

A• (9305554007700641263055511 . 6400847096279763577?2)
B• (6372201316412730103251355644 . -32109593776264811629032)

****

****

0= -101/2 D= 11039042713 13

A= (-4007600851004945008853633831793350047914061785500137400837 68 , 45756515171625006355904446552152702110597016787770)
B= (5758009372787110869647722402611477950837312682269065021271270457690233950332063222775395 20 , -5461151541784169035270104216307232577
2723616270408545091142341513265827597877024)

J=IDENTITY

J= (27169446400951545649336173776642375462250869550766677506756752093004209972065694551966799 5/1522914021627664308599192065426465000
2545690233783531270450000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT D=(U,V), WHERE IS

U= (8951432694479031394795109206 , -8519482571400062341034)
V= (1543257351206361811695516416744624 , -1297442057006134258430247424)

****

****

0- 43 D- 6610960917

0- (-2094495116805?69609052266503326433007576352264 , 25744403106462227005605473394065190134399?)
0- (1649993143107059982623141231?25074?4?1354456069011?6455365704751306403200 , -2020000?936165420511662116732009111?005012417520010?
00?5501?016?60)

J- I

J- (-?9462159449900850016159035003596345643269849102142694216292630767?6937?3461141292659364400030011464834502656462450051040 , 3)

THE :SOMEOP=:S= TYPE OF THE T005100 GROUP IS 2 AND IS 2

A DE(OATJO OF THE T005100 GROUP IS THE POINT 0-(U,V) WERE IS

J- (5900320577505177075045 , ?26221126153421270)
V- (59?65044295907602371070?2 , -7355302390201400001536)

****

****

E= -71/2 D= 135425067713

A= (282942781471075905096580959727753205456770644096386000 , 76006322306112751652702210300230449107051020824)
B= (25906634361982041725800458412995047211809552607207723055493915936395609304402000 , -7039019240001954527310460955910313115402000
990772620459666850005503659222144)

J-INVARIANT

J= (9000448536010001042437063711660650184602139353411390671557031669320066629799013-609155542766322457954602909832072698291040014379001090000 , 0)

THE TORSION GROUP IS OF TYPE 2 AND RANK 1

A GENERATOR OF THE TORSION GROUP IS THE POINT P=(x,y) WHERE IS

x= (6867104973194107696126606 , -1866053777842686153254)
y= (7299007638470235076006265918464 , -1985635546032423229462022144)

MULTIPLES
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P	MULTIPLE	TYPE OF DECOMPOSITION
13	1/3	0

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A= -20                B= 516974417

A= ( -9596779569449023749015634578086043153643 , 4220763259230918177376990338285369992 )
B= ( 511742.87163740405154984120136091826531753136128015637420710 , -225069613220164138204675598042172006606703703324465026272 )


J-INVARIANT
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J= ( -16937259726300580158055284590549005189544533908831532831924177/1675546090296465498425452708156353759969280 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V)  WHERE IS

U= ( 5999329099120560945 1 , -175409464466771792 )
V= ( 1301925065085923952502 4 , -5726001566042627 52 )


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x= 41/2 D= 5226101513

A= (-8005540294552638668440820700648175305653487448 , 1118459145718242529552795936552032346604)
B= (39575524567681008679773137163786675588993912208355044950915090902294 40 , -5474415535241465554620197362820652683163050252457346
516931302464)

J-INVARIANT

J= (219419907384615311021723531994879998897806526635237173077507593202913/10746215278537575087363537009111392777075291 96134400 ,
0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z AND IS Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (367095405197986526160 86 , -507796879784756274)
V= (221803827291670590469692E3104 , -306017491664077753201664)

****

```
**********************************************************************************************************************************************

x= -15                    D= 5603417

A= ( -1302937019102337249951456165271208 , 55042347997122176860750514952 )
B= ( 8095505178045016390311974370394654 7[850520396480 , -3419965893035226586252305911544620104095140 48 )


2-[Re4A[ANT
-----------

2= ( -5173914060880:9383080620259524735056833913840017/6935437483059669534075466326456320 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 4660008916261254 , -19686126670250 )
V= ( 13696001580095237?2 , -5785051990696 96 )

**********************************************************************************************************************************************
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**********************************************************************************************************************************************************

I= -5/2              D= 35720

A= ( -1542736337026541753646 72 , 8161712189906519140 0 )
B= ( 1045205506769545762718205905734336 , -551894788006362750452527240 4800 )


J-INVARIANT
-----------

J= ( -1770277260500890892865222925253704 9/326515965071590000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V)  WHERE IS

U= ( 51042790182 , -270007050 )
V= ( 3410241542912 00 , -1800379417600 )


**********************************************************************************************************************************************************
I= -2
**********************************************************************************************************************************************************

I= -2                D= 193

A= ( -1750172837187 , 1259880162056 )
B= ( 1262137402216304190 , -900506581637196 72 )


J-INVARIANT
-----------

J= ( -1966266751104504 73/326517350400 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V)  WHERE IS

U= ( 569447 , -39516 )
V= ( 54274664 , -2464936 )


MU-P-VALUES
-----------

  P              MU-P       TYPE OF DECOMPOSITION

  3              1                  0


**********************************************************************************************************************************************************
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**********************************************************************************************************************************************

I= 10                D= 401

A= ( -223935750723461707619169332677 , -10210591345112831069629995800 )
B= ( 1824008359317608304325842596904262411409937 , 831717276146670470282367109255503221114 00 )


J-INVARIANT
-----------

J= ( 252985709623310382000002110045332420143 7/11946769393146300000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 61093915820583 , 2785642702900 )
V= ( -2549570505545260 0 , -116250412294 0600 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D
  13            1/3              B

**********************************************************************************************************************************************
```

```
**********************************************************************************************************************************

X= 19                D= 42212377

A= ( -56562029454085481007425270106596695384 , -870572770941546019324017162545240 )
B= ( 2315530931775512309185107013996151502107136475537362797760 , 3563942452087684528481337606948596712542772709616;472 )


J-INVARIANT
-----------

J= ( 9497104059009295225378110822362212983325346342574049747592544776082310431505791625116467 20 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 307034596625406738 2 , 4725710650268 14 )
V= ( -44774296953893276559 60 , -6891422277242 83592 )


MU-P-VALUES
-- - ------ --

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D

**********************************************************************************************************************************
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****

I= 53/2 D= 20521021993

A= (-219440237104603223821486339164132395940560423103650 4 , -153190771562442052960607029253635309115492940 0)
B= (176954355257125919458570576448495590335097681725571435743249048390733500886640 , 123526962739440082227020487021379146593675035790795255113705866460086356)

J-INVARIANT

J= (805164308392369000023662208495862667072256363012435999264227151795124673/4264891588472935638903086896264269019759508454389760 00 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 8*(U,V). HERE IS

U= (6047702831745900826621078 , 42217540155729550162)
V= (-154231792354141567556600015 7696 , -107664967271034883560097 20)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

E= 34 D= 1455190097

A= (-6524552956618543154025110104333739847340769 , -1657087436519614738272027149514161401240 ;
B= (2737700855252220079060982954034242184467102959064224009501106705900 , 7176723290279395512643941077406643412039546270798561814783848)

J-INVARIANT

J= (84206:1093577847932742384299766447089043729692846805626327068377/1550333056591106110475064385087243331763527680 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (5246627244380247025063 , 851001929075631S6)
V= (-4105955261622279961762616 , -1076340580490901805O4)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

n= 83/2 D= 311365546273

A= (-7888246083447778252197360999592393084064243319341579611304 , -1413660662456437478737602725052939736381621609465880)
B= (381358012996001245209896323336930008677219008544132631137729204126599810760097530240 , 68343703595261944043657120680002971022
160613097866275106629819075552764156736)

J-INVARIANT

J= (1899321033079637531258419653119659506940738905345214963287646240473401277159870 3/2427803500540126708930570877670916515365026
0023700056194 3040 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

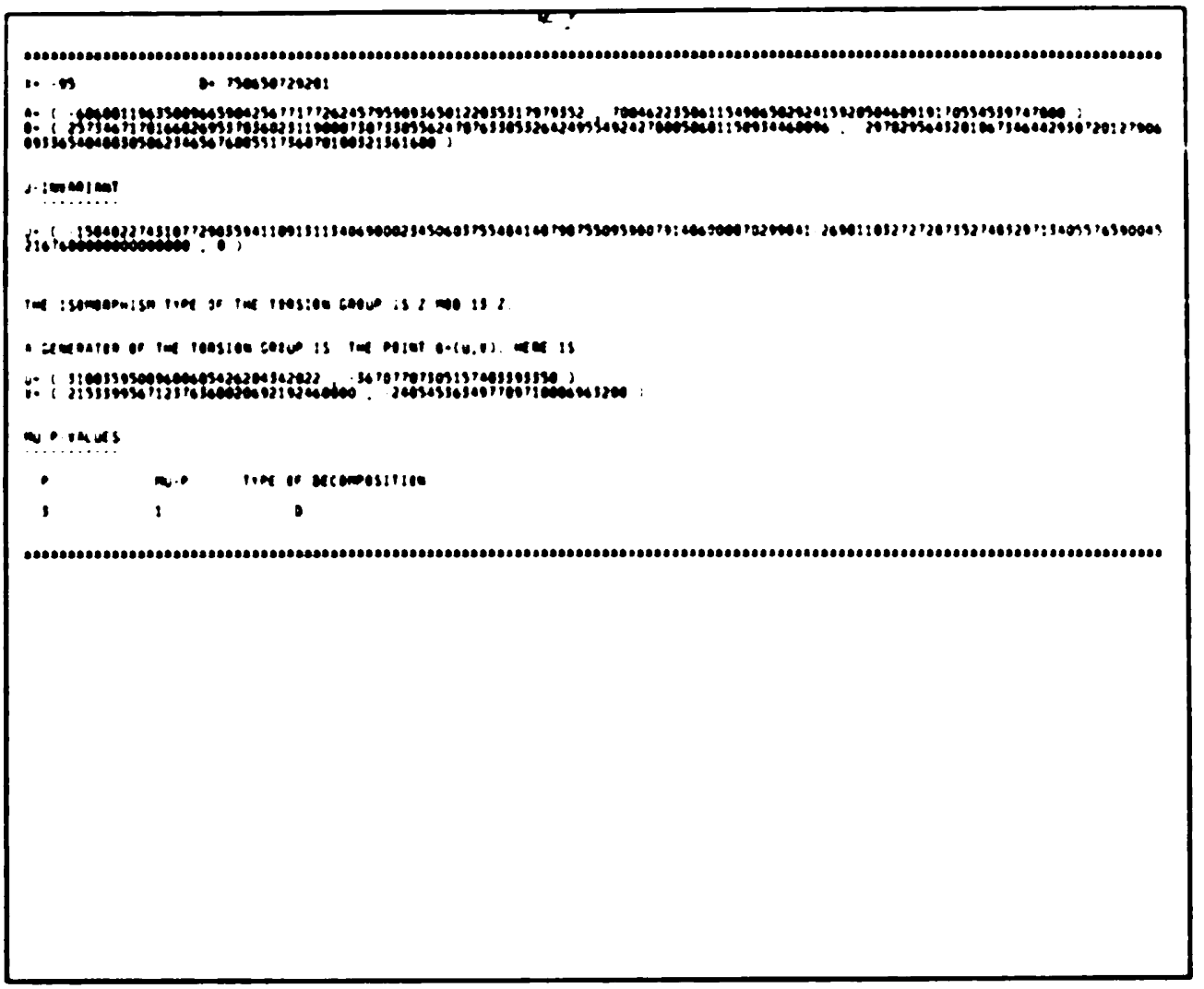
A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (3625089051773393756538087150 , 6497994268653003353942)
V= (-1423682901749611482041314550729216 , -2551396714458981420103769080)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	3

****



****

B= 175/2 B= 2938326410E009

B= (-16521292412958344658748945245526E59065497991071869410158041462226392 , 5847052871659566428744108408358538656965235057040614241
5000)
B= (3695551644169731408101445595653441831444201930906555475234054697872044338154436105862296495944506E4 , -67434036416161581135211
9968352356200110904361182009611162429615600103462745083827331515200000)

J-INVARIANT

J= (-1748701815951137543198226146575677615901299201292B·500563435017156804423312591525707207549735336554429500966857605988111010191
0000035400644500820019531250000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(0,0) WHERE IS

B= (16595823542426478152217990437E3150 , -3061232845436541000211E750)
B= (1523586867615611333210920877211900226E0000 , -2441609352577658200844942272E0000)

MAP P VALUES

P	MAP P	TYPE OF DECOMPOSITION
3	1	B
13	1/3	A

****

****

a= -00 b= 2087396227721

0= (-31016190979396906790825111956004505820244150716841834600? . 61377400520555905190042658206397635902961133564000)
0= (3009151434617011903324406065027426521139682220500695465300394982699557777600777826495094 . -59590033337210905447200539096159082009790351215396044151030065103504501677040)

y:tw001mnf

y= (-12315535995550721494054511177577930384045546090032696800041600775087420500740:140161/:9090451275797011905500407044722001755?043?000000000000 . 0)

tmt 1500000=150 type of tmt t005100 group 15 2 mod 15 2

A GENERATOR OF THE T005100 GROUP IS THE POINT 0=(u,v). HERE IS

u= (72019050551364175003255??03 . -1004701204133617994600)
0= (20722563511111257676643814016000 . -5997400181201510605550400)

my p values

p	my-p	type of decomposition
3	1	0

****

****

a- 1a5/2 D- 95525227706a9

a- (0057512695706617508499570625063731300026092311053199508707142737S2 . 2065001760920542790691644013616719244969000003433646994000
)

0- (1010035005205527006612050091444760401252955195443364926454545074000779215425440954a45154601a743184 . 4442776134691256654787685161
5375917405722077444451947000738747a0037402021139016705942052000)

, IMMAGINE

,- (900558045707984059681701805025190426892722097230104902819200072567050090461:3054638771075409·494D87625177405585055025079977446
1295035039432705024491000000000000000 . 0)

THE :SOMEOPHISM TYPE :F THE TOPOLOGY GROUP IS 2 AND IS Z

A GENERATOR OF THE TOPOLOGY GROUP :S THE POINT 0-(0,0) WHERE IS

w- (12150125305066011600365701595070 . 3051210160001400516690450 ;
0- (0012164997705054309973051170461414400 . 25025604671460062603660653075200)

MU P VALUES

P	MU P	TYPE OF DECOMPOSITION
1	1	B

****

****

a= .65 B= 7775709?361

A= (.1509759765?02?5?3?81200545059569240457900165012776047? . 5?011077255411165?532?1041776601537053?535651620?)
B= (3459327?5?0000?02102606196?0853?03017?2737111076827964?3147?5407?6?3?219007777?3?35? . .1237337512505177776605?17?1410?6?36?0922299644?1546?5?51?6169724?79962150000)

J=1?0?0?0?0?

J= (.21052?5?0?0?7?66?52?0?0?02415210079167?00?157?77620223660?000094200040?651?65?0?: .?06?00?:?05?0142221902124?904208?59?545121?000000?000000 . 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(0,0) WHOSE IS

A= (162775907620051721631?00102 . .503737073154307402650)
B= (750758250482401?0999?9?32051200 . .2692527327?607?1454?;?0000)

MW P VALUES

P	MW-P	TYPE OF DECOMPOSITION
3	:	D

****

****

B= 115/2 D= 23942002740000

A= (1421[illegible]
B= (9227[illegible]
6000750342529700460902857552005512107411002165205J000)

J·[illegible]

J= (501157[illegible]
66461705291291700000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z

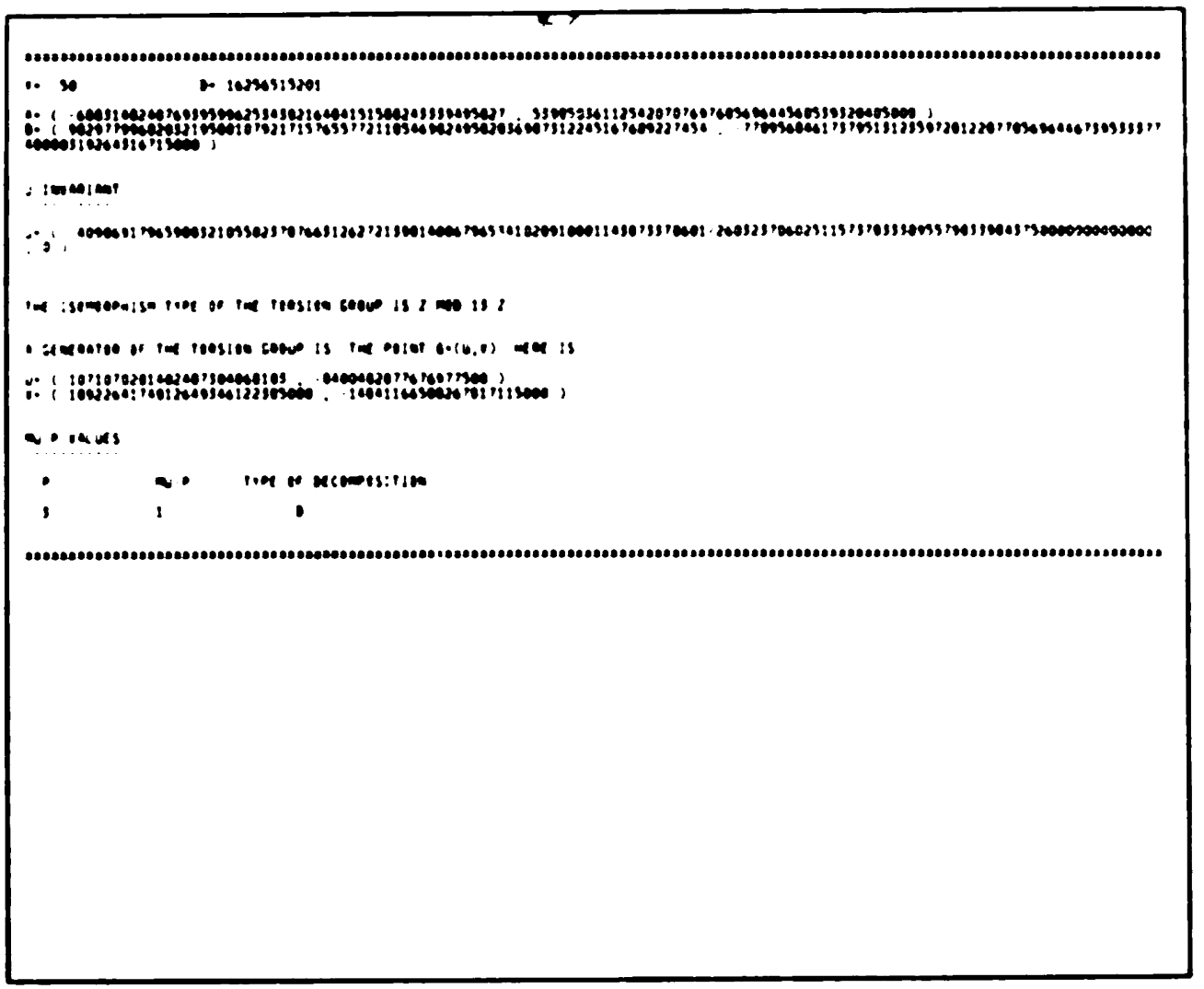
A GENERATOR OF THE TORSION GROUP IS THE POINT 0-(0,0) MODE IS

U= (4067727610011523874972200682000 , 31450010137015075610155O)
0= (253750039397962468275682575605926656000 , 1659982174150100170059075320000)

[illegible] P VALUES

P	[illegible]·P	TYPE OF DECOMPOSITION
3	1	D

****



A= -0572   B= 395117061160

A= ([illegible] , [illegible])
B= ([illegible] , [illegible])

J INVARIANT

J= ([illegible] , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 1S Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V) WHERE IS

U= ([illegible] , [illegible])
V= ([illegible] , [illegible])

M(P) VALUES

P	M(P)	TYPE OF DECOMPOSITION
3	1	D

****

8. $5 B. 6729769

8. (-5774366430582220002974040041357441409220191279? . 2225002047600940000866621051571753220047340?)
8. (2300446901000259100090001002204672452305545452264613256135753562429017? . 920702954115:13?2355?90621:?0?0?01557?0031505997?5?2265
47?63641120000)

****

8. (:629360545410?0517:6319999727?1364202122900?007?5002?01509205477721/?645544441500?80?0?:45107?55011?040000000000500 . 3)

****

THE .5[REDACTED]:5? TYPE OF THE ?0051?? GROUP IS 2 AND IS 2

A [REDACTED] OF THE ?0051?? GROUP :5 THE POINT 8.(?.?) [REDACTED] :5

8. (5102248222697539000407?2 . 1195?049336119455595?0)
8. (?617660499510542697?445200 . -2?36442726?0?567?321600)

****

P VALUES

P	P	TYPE OF DE[REDACTED]SITION
3	1	B

****

****

X= -55/2 D= 20733540129

A= (-2035530691685694532681040440393911067852007875900652 , 11804723131960705055550635649406597776048461400)
B= (49909592207300762914943108317708962096107465070640068637039425845693568101741 44 , -2099065609705772120659978837323465981751002064900883410341704331503723200)

J-INVARIANT

J= (3550702140553190626207754625454129054617930911050195159338613472245204224 9/4415977072109636071027025060356767955027290000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V) WHERE IS

U= (184188797174561213671138438 , -1940172424701240949 50)
V= (652041158750054116212554647 0400 , -26215370353622284511539200)

MOD P VALUES

P	MOD-P	TYPE OF DECOMPOSITION
3	1	D

****

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**********************************************************************************************************************************

I= 20                D= 70570401

A= ( -777508666804295037734525571500194753947 , 9254843651422579917996775640944000 )
B= ( 3731022434970450350572500155265553694280784998700220014021 , -444206406367059481010204738263421302753734132836444400 )


J-INVARIANT
-----------

J= ( 10280660153242132044992462567265576093629943770510307441/121722454136634580611809280000000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATER OF THE TORSION GROUP IS  THE POINT Q=(U,V)  WERE IS

U= ( 3599709064980867041 , -4284902060844400 )
V= ( 2484547263344376165600 , -2957407084025224OO )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D


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**********************************************************************************************************************************

x= -25/2            B= 205078089

A= ( -9861836468917075301465671974050058644351192 , 5040839548963340604374677768936830850000 )
B= ( 5333091225205296784774459350192637002261613610126366968100090024 , -3157310487630549920815094484171385541902571497165698468000
0 )


J-INVARIANT
-----------

J= ( -6748708223639858790522550370777539320373650085341345313473291102486309942781859525602373046875000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V)  HERE IS

U= ( 6954190014723598050750 , -2401162603276125O )
V= ( 8191637614925046906176O000 , -2601821651673553200000 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D

**********************************************************************************************************************************
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**********************************************************************************************************************************************

X= -3/2              D= 3769

A= ( -16515213205266393176 , 26897249563050015 2 )
B= ( 37227709133262542636906997952 , -6063929441521807280452295 04 )


J-INVARIANT
-----------

J= ( -731463422607467595087597 29/164215269000000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 17566099016 , -20304478 )
V= ( 207067194000000 , -3367000000000 )


MU-P-VALUES
-----------

  P              MU-P       TYPE OF DECOMPOSITION

  3              1                  B


**********************************************************************************************************************************************
X= -1
**********************************************************************************************************************************************

X= -1                D= 17

A= ( -611864 , 99360 )
B= ( 211240640 , -51226432 )


J-INVARIANT
-----------

J= ( -60698457/40960 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 358 , -76 )
V= ( 6656 , -5536 )

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**********************************************************************************************************************************

X= 21/2              D= 70099177

A= ( -415;0842551032872766315657152212000000152 , -49501780141214321750927076654739520 )
B= ( 4405344003343495003576643312759573766218450702203772053440 , 55005471032450405215639570382203377156009526572228409 6 )


J-INVARIANT
' ---------

J= ( 1352471250730058385433267072466642466419387456266002201 7/509979000175101233155255520240716055961600 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 0310900123913288342 , 9935951217321 70 )
V= ( -923945501044504910101376 , -11035446150005366067 2 )


MU-P-VALUES
'''' ''''''

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                B


**********************************************************************************************************************************
X= 11
**********************************************************************************************************************************

X= 11                D= 1462121

A= ( -765068316215453451108746170 16 , -6334599297699673226725074 4 )
B= ( 1153929616269361514576690204456493990607072 , 954306017895210739110517508623073728044 0 )


J-INVARIANT
''' ''''''

J= ( 256340877700267519044255922300157009257600 1/296550C9731636729000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 1129009550666 94 , 93442458046 )
V= ( -3593978790240000 0 , -2006052160000 0 )


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X= 39/2 B= 5166292715

A= (-32191784102819512295818001598196276992407437520 , -572096796224559022483555851052766106074956)
B= (5145906561642515758293292425950154056054924565419364810507052754667200 , 55075406501134617438442103914458524162533723208767287732058795664)

J-INVARIANT

J= (13019950900006211644624465582724253712470054870065223594271032523075/455000500141523587537947974725019550914171334246440 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (7324821365076420650567774 , 13017517776936506545)
V= (-1400478034009509475015225651 2 , -2408861735201271750919608)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

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**********************************************************************************************************************************

X= 27                D= 359219017

A= ( -13965595307137655919967312595175009566554000 , -73680454785961085540229446546979204400 )
B= ( 898344424562384684519174730753024753019674919179840625590066880 , 675983492426080994784524076111609596404185529615100481664848
  )


J-INVARIANT
-----------

J= ( 41069736758127478279252084652540955725502647982461067545585?/16807587585274952562196365842465922289664O , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 48244852271819245848 , 2545400564050871O )
V= ( -97846607002154720691355S6 , -5162571865666553715?2 )


MU-P-VALUES
-----------

  P              MU-P       TYPE OF DECOMPOSITION

  5              1                 B

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I= 69/2 D= 101747098515

A= (-411766306551290611915484869211844207708355419576116560 , -12900865720460523176000860622778832483921569227976)
B= (1458266356668220621460496514987999297552440001880445366591460866842649472468704O , 450896225739613578987357762275459836209460162346677001455095567412653880384)

J-INVARIANT

J= (69382055131693291508196546134639052735909688470176061605591584440515459136033/1049187584197585966421662381795588852137450541976899610880 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (261968927480556095164318O574 , 8212720793264616186746)
V= (860168657001275254153504917292052 , -2696627070625844269547182O8)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	0

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**********************************************************************************************************************************

X= 42                B= 52306253217

A= ( -2580771105527990524708904456511794253220198448 , -3568393852951186742601755146455806400864400 )
B= ( 22547703202734455764021811801046773979516422098794020147105822483477710 , 5120402696717977014935466695599103559051236951366032
5921366393192 )


J-INVARIANT
-----------

J= ( 72067250425050102456557183455435290506040767170437304455587220179897785220435875866592025889542848253748791345104000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 65584105071994745137959 , 9068227519513504452 )
V= ( -10176002949123649042954111 2 , -1407131375690666576664 )


MU-P-VALUES
-----------

   P             MU-P       TYPE OF DECOMPOSITION

   5             1                0


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T= 109/2 B= 4654949686 1297

A= (-1406548075213102771715768209970351093797122768312101331e9557109954606 32 . 206195491694147 4:904761846440001660781043687535461868 52 350312)
B= (0000120050595111411681705531079900837670472275232995036681183784365622355539031752104381000291841 28 . 1598865200161706694983 0064060000045490506527053072507575211947520465207279491203803546621958 6)

J·IRRAB|AN?

J= (-5593637763859337466877883955641918253797696700097236944461019826750667459127213264429639856038493 7:0192300861177 1041:5047190 7049000521849009954207224184951734494516961200 . 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2

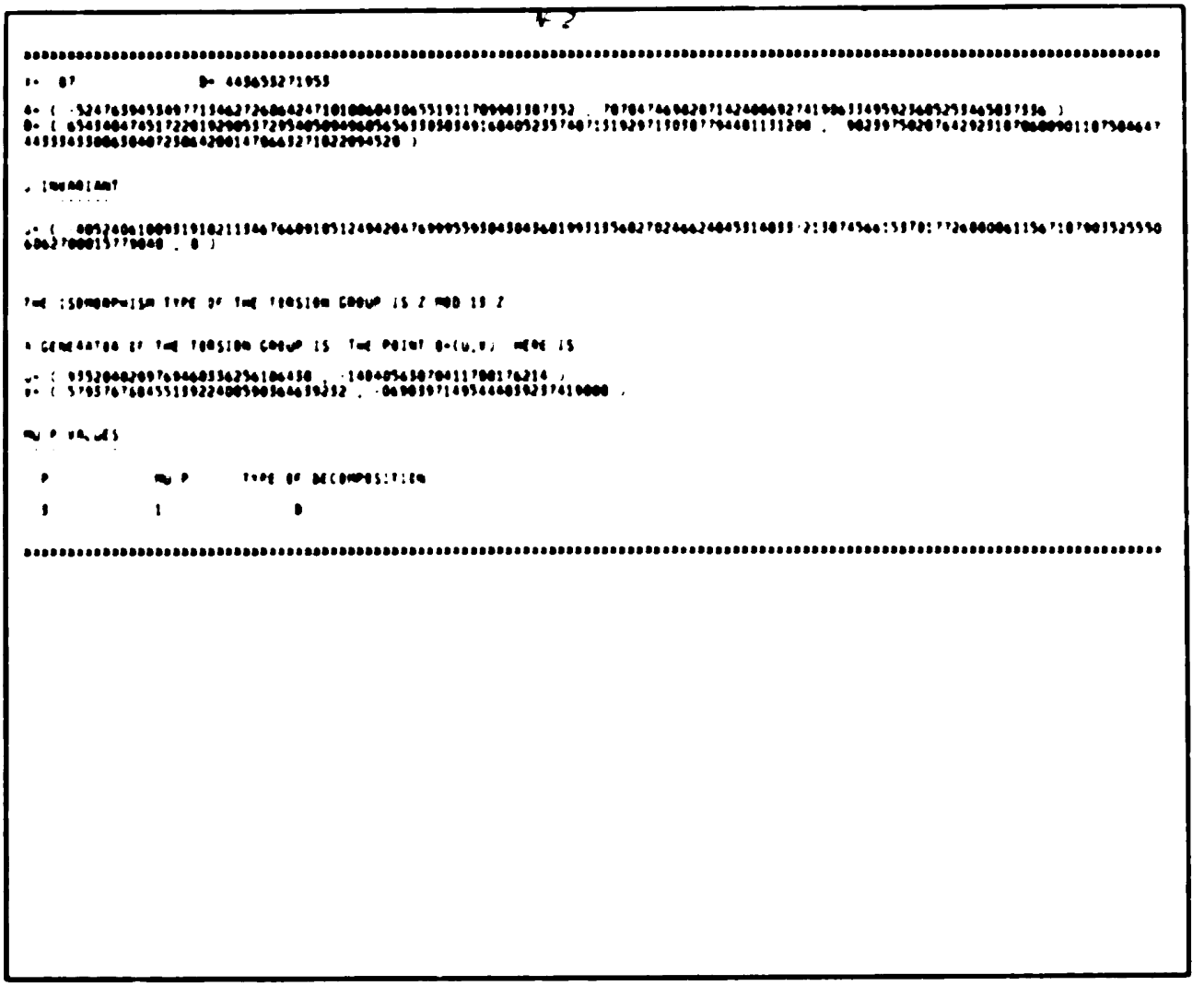
A GENERATOR OF THE TORSION GROUP IS THE POINT B·(U,V) WHERE IS

U= (484172965615257390213274933303942 . -709644009153556367781045322)
V= (417392490632159087827021504050516522 2144 . 611760544050000500531879311782912)

MU-P VALUES

P	MU P	TYPE OF DECOMPOSITION
3	1	0

****



F-3

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*****************************************************************************************************************

A= -159/2            D= 16566920568537

P= ( -11470002700002375153702205306652103770706064006540052414213445592 , 28202106602070467130540903600627203562908310215142195563
92 )
Q= ( 66945090832273517697450784400130099250101600595491007117440723553074300009910340157346172060415600 , -1644742005056209077075507
65175022920126166007206400530527422506311426590720908292420280544 )

J INVARIANT
---------

J= ( -417205575206670064273074710001564547507562195354002476966401999100950897502330091020773095577/70123640961234092155637472155705
64269252721048370657954600121006397440 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 17 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 65739746093054250697417498255342 , -10746200501145675220042422 )
V= ( 316632675935910721954570004200423557104 , -7779106316403505606761442001792 )

MY P-VALUES
-- --------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1                 9

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8• P2 8• 1432111556515

8• (17015568315035442682402030009346215066946671322257055107 , 6496322220003910771763018944606:0582095769722881136)
8• (1020611000019190726413363656013333807154077218223459586153330855055047616277991 , 1009587841217836158479646460856377034022692746099437372207113537180545544032)

J Iuv601Amf

J• (153542410502123594551155062492000269301003660502227200323952951446020002069539309206:16737466504217512606192295537:65586760000922154000 , 0)

THE 1S6=600P=15M TYPE 04 THE T605100 CODUP 15 Z MOD 15 Z

A SEME0A160 0F THE T605100 CODUP 15 THE P01NT 8•(J,0) =E0E .5

U• (1600021393582359277570994967 , 6669965256171779277616)
8• (6387501220401764000054720620d4 , 1158267777005013156501?216)

MU P 8ULdS

P	MU P	TYPE 04 DEC6MP0S17100
3	1	8

****

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****

I= 57 D= 35510777473

A= ([illegible] , [illegible])
B= ([illegible] , [illegible])

J INVARIANT

J= ([illegible] , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

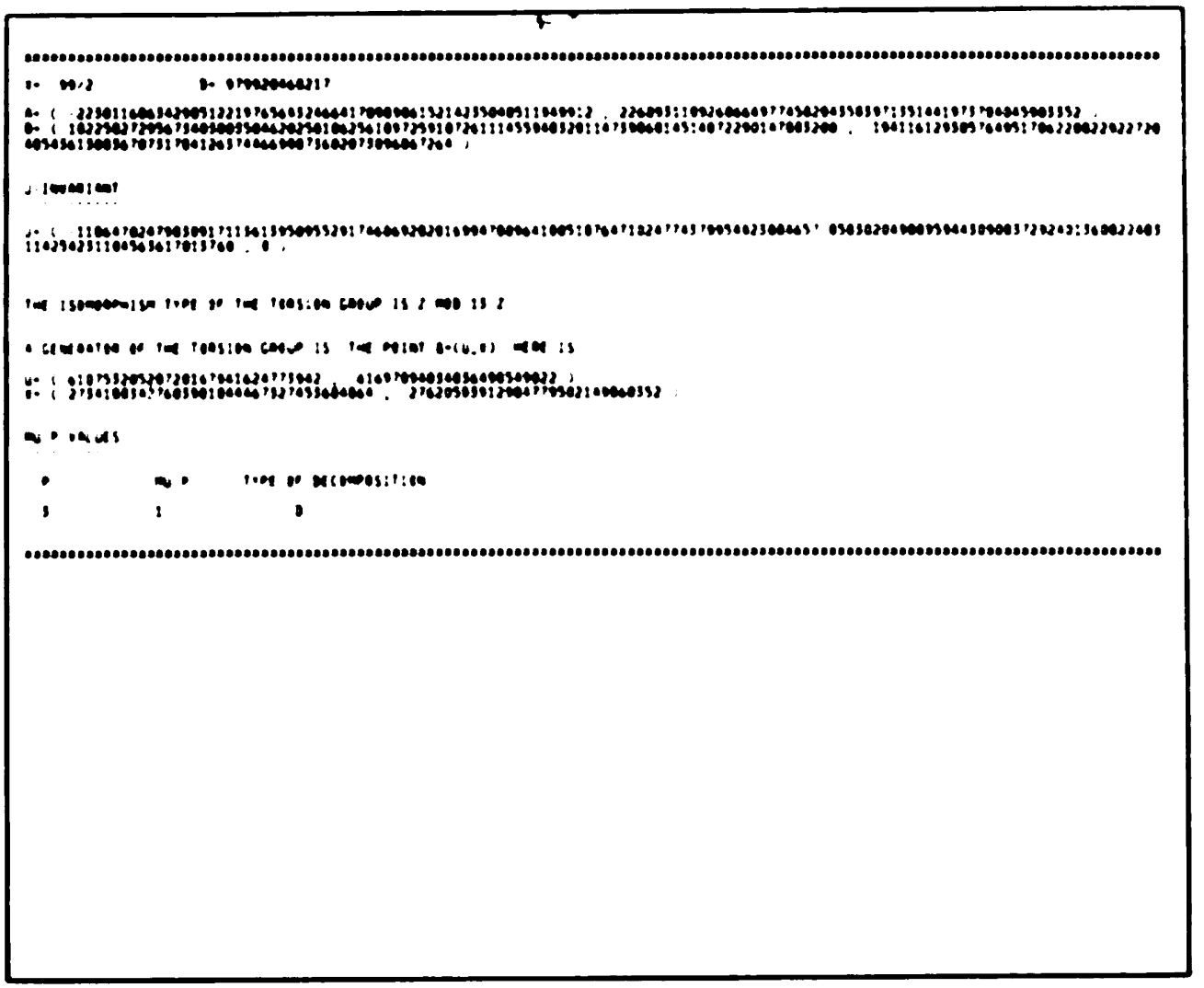
A GENERATOR OF THE TORSION GROUP IS THE POINT A=(U,V) WHERE IS

U= ([illegible] , [illegible])
V= ([illegible] , [illegible])

MU P VALUES

P	MU P	TYPE OF DECOMPOSITION
3	1	3

****



****

B= 5753684833

B= (-55333310577366441878150.0975000056757333411078327 , 72047821492006900830595905590082464837771016)
B= (7005021186159056549077'67213772720000757512700405820051240770036514430 , -9360456055211227674423454054661082267782540827963021
3392517654407927)

J-1004010007

J= (2317225460606065104l 709310827572074600247182342900567266300270457101/:357005467575408639976187004607826710114192177628 , 3)

The 1504000=15= TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT B-(U,V) WHERE IS

U= (9603223936406052767-6667 , -126605087229042016)
V= (1620401752305360000400011624 , -10726091095020451222946)

NUMBER VALUES

B	NUMBER	TYPE OF DECOMPOSITION
3	1	0
15	1/3	0

****

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8- 69/2 B- 1142?867995?

A- (:1842551??62359?61?4832916?12561?3242?3621518097787492?2 , 5884112628016352560664842590?:550:926483648184292)
B- (5?944165167586944259884?27617885586?1348836848?2885964881861108491897171859595631?0 , :1?:6;2368613261?5??:99384884166658658488855954821668?955?8648882??522?562?9?26)

, 1884881887

.- (3961894881685189?3359849153532842561526586874277488188?88?822?884941246249:9589? 2813?98:342855?5e0:5588888??8922?:2:9568?2?:69623636:957920 , 0)

?=[:56=889=15= ?=9[3# ?=[?885186 C88=P 15 2 =88 15 2

A C[=[=8?88 8# ?=[?885186 C88=P 15 ?=[P818? 8=(=.8) =[8[15

B- (8168436536523187668823123?2 , -12351212?1899158?222522)
8- (1291818?961466157?4168286391899584 , 58191584189846269?7591888?2)

=8, 8 =8,=85

8	=8,-8	?=9[8# 88(8=P851?188
3	1	8

****

****

B= 27 D= 416693593

A= (-4582215784999524061829163359979023686034392 , 2244745562721402725972485470219900853496)
B= (5339202799195796927291755452331566659191957732395035712005405760 , -261557990604403062136867372300622790195635847659324030927000)

J-INVARIANT

J= (-3814784564549266369139147424160623455566286492252480452700873/5961724865356645331523807352499006341120000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V) WHERE IS

U= (8759000834057079356038 , -4201083932020001413)
V= (1644241697963759483994112 , -805494406533010700288)

MU-P VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

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a= 59/2 b= 3809994497

Q= (-16746091163497552922267314779443208384246996143 , 2684967033015961035672392816857303158954712)
P= (37302100522273594116409580537807754757401175617619074779662971396157120 , -5980793319860319731092769402579066776807101660967340001905442120384)

J-INVARIANT

J= (-2874250265033480066695854554650691375690987050667071443743810390041372621472085670625267549308631758030955101159531020000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 1S Z

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (16706334319071209308154 2 , -26705926610242108022)
V= (28754203169064952236095929344 , -46102090762950002561331 2)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
5	1	0

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**********************************************************************************************************************************

I= -12                D= 3560753

A= ( -766818004552037570281968015135947 , 409369096153443050193753120096 )
B= ( 365511935701424039979210204869664804200353567550 , -1951305035420197013752295277556760500:0134752 )


J-INVARIANT
-----------

J= ( -211529600681720415175002709131165640665057948337/7501891419007397154501317013504O , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V)  WHERE IS

U= ( 3574963030892547 , -1900513149616 )
V= ( 1446424337440027104 , -7753702940844574 )


MU-P VALUES
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  P             MU-P       TYPE OF DECOMPOSITION

  3             !                 D


**********************************************************************************************************************************
I= -23/2
**********************************************************************************************************************************

X= -23/2              D= 175149089

A= ( -12902769*857095497693246193743663045401G , 9000073672255443175012073490869359352 )
B= ( 2546326027001029571445056914862696853220735659770127123545280 , -1924022755010616790394374111376209739255080310596942016 )


J-INVARIANT
 -  -------

J= ( -17077912147863929553765651141254975986910397068988347690272971014163593616:0016586180297051562500000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V)  WHERE IS

U= ( 14709887613454725206 , -1111409625070582 )
V= ( 486729512649010000000000 , -5677762997000000000 )

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A= -1/2              B= 313

A= ( 2322452061992 , -101764317016 )
B= ( 13512744647612660000 , -697925527267751296 )


J-INVARIANT
----- -----

J= ( 6865394044100?/65303470000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). WHERE IS

U= ( 2033574 , -5106 )
V= ( 5742104440 , -47029240 )


MU-P VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                B


**********************************************************************************************************************************
A= 1/2
**********************************************************************************************************************************

A= 1/2               B= 17

A= ( -12836952 , 3069592 )
B= ( 3647963600 , -883705?216 )


J-INVARIANT
-----------

J= ( -60698457/40960 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). WHERE IS

U= ( 438 , 442 )
V= ( -109568 , 52224 )

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#= 25/2              D= 123263113

A= ( -625150944490799088097562040695915918077O4 , -56307769724589512614711042755255348O )
B= ( 26905461694353930436740643063285503250135059491261961107062A0 , 24235931096704458107096123108096809991221566724555591993G )


J-INVARIANT
-----------

J= ( 8474455005340555730955312411320808326779126907970679O755/5124936922707949516256721360794480206991360 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT 0=(U,V). WHERE IS

U= ( 5227909500551072359B , 2907509987735182 )
V= ( -5862720142295210850405376 , -5479178240019521607G8 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D

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****

A= 20 B= 57746521

A= (-1025640017249379440611164437460775 67 , -25314155809039491629043130479200)
B= (659252495875458129067460252120121510296235824444592486 , 6043511667453113141924115646637007401097250559440 0)

J-INVARIANT

J= (0954605423015066069322203299533606451565338772321309 61/221202191019696190127308800000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (1790553484587505 07 , 235627045524 00)
V= (8563494624256715 1200 , -6005314598767200)

****

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**********************************************************************************************************************************************

Z= 55/2                D= 25701727049

A= ( -782706411805117401397006726951360858375004504792 , -40822244102596438150049371429517634514700600 )
B= ( 11919593601990716063900555072240703446412535499032393972068111805172010176 , 7434908392074300068270554222500292570943994034440440934209390024752000 )


J-INVARIANT
-----------

J= ( 39906557120007050643623509779012727033904962057180776540068390230121366097/1200001122589714628059170991640895422607090000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). WHERE IS

U= ( 1142151020233555412310742 , 7124307933545015050 )
V= ( -1005765039048907600300659946000 , -627357166610702584345600 )

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****

J= 55 D= 1734643961

A= (-2055339073816756207671055111697789789745099912 , -685091108777075308277717440666063210995800)
B= (82964784249478004619786363010842612873427394407011839692542826451844 , 19919947769169039492650796700788970478909236081841062127984400)

J-INVARIANT

J= (29255744405118934833165169205237121333749159692082872652053664881/3647705712847752173701617759194900000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 X Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V) WHERE IS

U= (218072614005059233459B , 5235955619616715O)
V= (-1890740762350557179302400 , -45359696434954339B400)

****

****

x= 85/2 D= 359600962409

A= (-101504504401472557044011521605420237190384120040404152 , -31935134700602801096817993250545050103310741954 00)
B= (144255331020550038504507605902655404079592509039702556601286392003722807932072569 6 , 24055891250305646061415200408739017642602204938347036900460020753503910000 00)

J-INVARIANT

J= (4043644690414242687379404205996710376104402625214695725925331226011212719312365 3/3762772696029256140375252596178006224459475551000000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (56495513895607810240545242 2 , 9021141804587046340 50)
V= (-75672949786061153054074827955200 , -126191540102821981834902400)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
15	1/5	A

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B- 2492801542241

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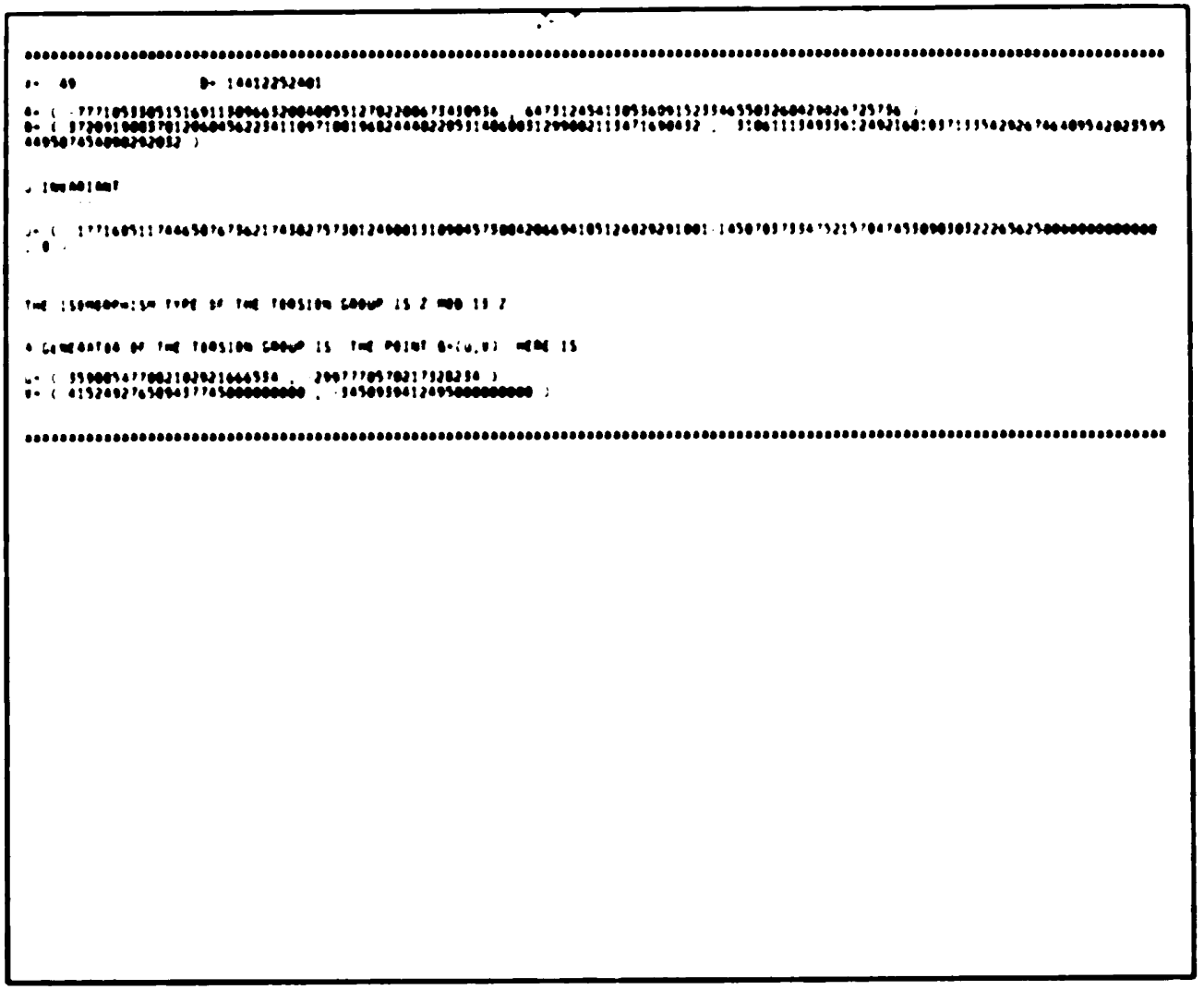

****

X= -53/2 D= 238713635469

A= (-9091941353724089941207320870113650245224842062296 , 5084614425536411718623905246122771:7746329102)
B= (1492272205220702038273238640056994994116777614754542164202709503665942108B , -96504944887685208905457684757503:8207846516927453321492540027008325?6)

J IBBAB1AAT

J= (7802025860385056250189142775206105662078630431905:602526754395977958127291154201836427472253902450941477415936?67250000000000000 , 0)

THE ;S1=QBP=;SN TYPE :F THE TORSION GROUP ;S 2 MOD 13 2

A G(=(AATGR OF THE TORSION GROUP IS THE POINT B=(U,V) WERE IS

U= (12509848254950102305319846 , 7967355403600320842)
V= (9403002635004415000537952000000 , 627421136503647990400000)

****

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**********************************************************************************************************************************

A= -19                B= 52144361

A= ( -3795316077953264148376150403652709976 , 525506508266573449943406746675096 )
B= ( 402471411450670701570427653456501673636318191129940352 , -55735430746219219621547001189501423507775901:8200192 )


.-INVARIANT
  .    ...

.= (  2276663462952817906083023463188910952478497071538934201:2066568195190300579196200000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V).  WHERE IS

.= ( 795331960446026614 , -1101399191004964 )
B= ( 9470142725081720000000 , -4005556210000000000 )


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****

P= -11 D= 2111737

A= (-11913767934600525686577960553837704 , 0190402227468349484865555043600)
B= (70784279520575170379543016256050014769121670016O , -407090622425020004926215317970508707574024120)

J-INVARIANT

J= (-6634960705417555170977443542040156548261961377/6740994525951201361109561950400 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V). HERE IS

U= (44560556370095542 , -3066413301006)
V= (529056079446430515 2 , -2269751150086912)

MU-P VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

E= 5/2 D= 193

A= (-3400000500504 , 16956452520)
B= (93436754390560640 , -5440526075897664)

J-INVARIANT

J= (-1966266751104598473/32651735040 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (76270 , -24130)
V= (-62954496 , -7216120)

MU-P VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****
E= 2
****

E= 2 D= 17

A= (-4525 , -1040)
B= (227650 , 55200)

J-INVARIANT

J= (-6069457/40960 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (-49 , -12)
V= (-296 , -72)

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**********************************************************************************************************************************************

X= 12                D= 2506417

A= ( -5144132264042092205067108022729 23 , -32492674733311611208065033560 )
B= ( 635084190407471973830539507979305644263422943O , 401140006124519124355040623019110235162627 2 )


J-INVARIANT
-----------

J= ( 13108976296787774303997604163379446847703544 17/4303155409716794293501282017200 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V)  WERE IS

U= ( 9259421011162 59 , 504047066852 )
V= ( 44057287640718467 2 , -2033309920874 24 )


MU-P-VALUES
-----------

  P              MU-P       TYPE OF DECOMPOSITION

  3              1                 D


**********************************************************************************************************************************************
X= 25/2
**********************************************************************************************************************************************

X= 25/2              D= 206447409

A= ( -9124612080011746557174405436742110142 52 , -6350525234495071305112557275346500 0 )
B= ( 1500323059372305362069307427147710667031000894030085029056 , 1044191066030347586104644590007825756601872013715000000 )


J-INVARIANT
-----------

J= ( 364601371171897080450586247986719073530140554479704464112 9/66037069539356743429431152343750000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). WERE IS

U= ( 12332010721902576662 , 0502007516062 50 )
V= ( -52700944269173790912 0000 , -367543494563206400 00 )


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N= 41/2              D= 4297035937

A= ( -1365461469661966528333016719996594023467512907992 , -2083827276475986042054095060149042017226408 )
B= ( 2706516966033616867070014486141325916517444105966915590000750450900150000 , 41090434211842007732950594845241219270560004715420275601671794105 )

J-INVARIANT
-----------

J= ( 11577757690752017011008492760000431699687022011307068757610394017517772036320432049053437745920296143220140046541646280160 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT 0-(U,V)  WHERE IS

U= ( 1500856560286914000129542 , 2301334200035727570 )
V= ( -3021366420413400021701530521 6 , -4609129445079505301329 92 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                B


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****

I= 20 D= 440044913

A= (-2472320831809621521591589133460453538095707 , -1160007035874504431441054006222163926 4)
B= (669140427577752926450431460561027596321605267836638765170624310 , 5161270701678095367032767047756257367340452625005809774076 0)

J-INVARIANT

J= (19754177065314711922115179347577199582495460380317097869757937496560862265030591259967545449033257451520 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (2029913377499593669 67 , 95099505564586384)
V= (-2151059070730561235394 6 , -1006770063694667 0816)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

K= 71/2 D= 120979761577

A= (-9292557695567512484108577110978731416904046748313617S2 , -267164594836910597083745618923415515691459682872B)
B= (4876025970051004059447133709704411787023732518445090002947996867654900023591030A0 , 1401076154572470214542215644497160638165057094314490519345625857553979130496)

J-INVARIANT

J= (2364851104754750004595503704074001033052244358259419231312605591240195641004177263005236779106245558004477588823058579229243847327436B000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (39354203613465075536467034Z , 11314507352161736916778)
V= (-152031330996314807050114577214976 , -3810951099703919007057694Z2)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

X= 48 D= 60506160873

A= (-8054659648312621414864119862784461531157700265967 2 , -10372091142093877013319706222610310054630584)
B= (3934901030400007415420162717108009916408992161795063011394495251654073200 , 506702483108213448381724864906555970677304707009755
372257700496424)

J-INVARIANT

J= (19704171214321141549522090800409916524604515313648715036053472959155 3/1560906739990456700024367915209820142240117964000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (3665936709690599722220850 , 47180995056111806866)
V= (-11635309714619621540021769720 , -14901122543510576219648)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

[redacted]

P. 2

****

I= 86 D= 410091703137

A= (-[illegible] , [illegible])
B= ([illegible] , -[illegible])

J INVARIANT

J= (-[illegible] , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 11 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V) WHERE IS

U= ([illegible] , [illegible])
V= ([illegible] , -[illegible])

MU P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

****

a· 1972 D· 1536012229002S5

a· (007367000010660004922014651301197974424159756205905410394572500004 . 2059982045001954830836477082124611990947135007146647205421 2)
D· (5940701190710375518261900065104190302075032440775205646831078461752090520523745477508043504150400 . 1007527556869566641351045 5075621192757511901146610345600406739061505119019561467907401024640)

J· 10y40|4nT

J· (2465115234777863782000920601858161175326647907077905565766577318329564571259212094259645290753331 68707605190166545652952337756 025621627510370193709592617772095746000 . 0)

the 154m000=150 type of the function group is 2 and is 2.

A generator of the function group is the point 0·(u,v) where is

u· (3668214825151191595579201042S710 . 9559602900104930091021000)
v· (2621659867620171203746125501371259493440 . 6449023331136499461465918622209400)

my 0 values

0	my·0	type of DECOMPOSITION
5	1	0

****

N= 71 D= [illegible]

A= (-[illegible] , [illegible])
B= ([illegible] , -[illegible])

J-INVARIANT

J= (-[illegible] , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V), WHERE IS

U= ([illegible] , -[illegible])
V= ([illegible] , -[illegible])

M, P VALUES

P	M, P	TYPE OF DECOMPOSITION
3	1	D

p. 5

N= 127/2 D= [illegible]

A= ([illegible] , [illegible])
B= ([illegible] , [illegible])

J-INVARIANT

J= ([illegible] , 0)

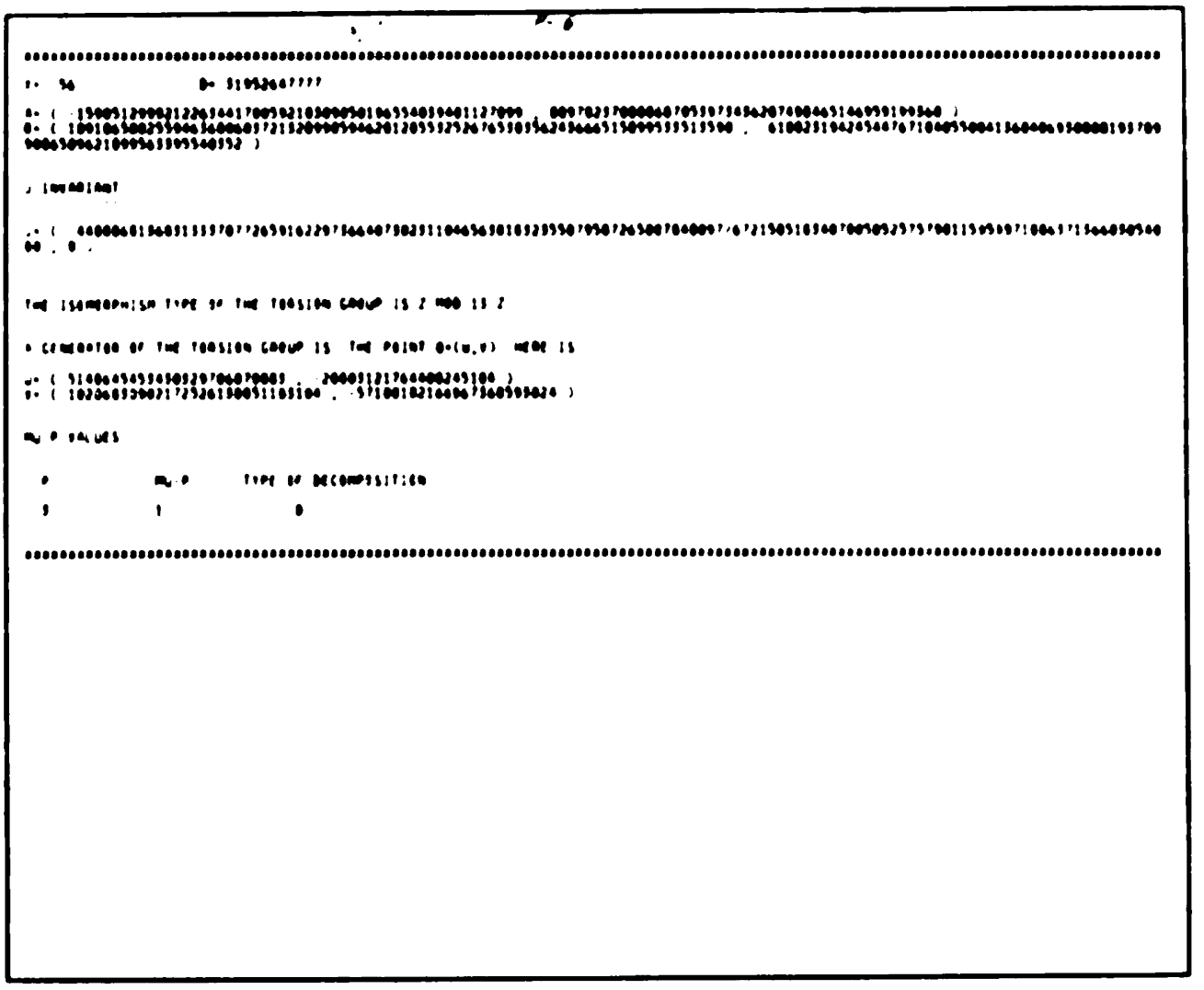
THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT P=(U,V) WHERE IS

U= ([illegible] , [illegible])
V= ([illegible] , [illegible])

MU P VALUES

P	MU P	TYPE OF DECOMPOSITION
3	1	B



T= 97/2 D= [illegible]

A= ([illegible] , [illegible])
B= ([illegible] , [illegible])

J INVARIANT

J= ([illegible] , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD [illegible] Z

A GENERATOR OF THE TORSION GROUP IS THE POINT P=(U,V) WHERE IS

U= ([illegible] , [illegible])
V= ([illegible] , [illegible])

MU P VALUES

P	MU P	TYPE OF DECOMPOSITION
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

```
**********************************************************************************************************************************

0. 01                    0. 0004790497

0. ( 0  .107100124907879951040017041059740780655904184  .  6401216400764547095465071015995161097011600 )
0. ( 10.0110005117124616921000410057000515300013215370427704595001077046947057600  .  2565512650095612291821640154607061597070096595156360211001047060017720 )

J. 1000401000

J. (  1111512360403044501101252271077021656855000610522736500871690077191077/0060102427956856401695211781113063097610010111200  .  3 )

Tmd 1500000=150 type of tmd 1005100 group is 2 mod is 2

0 Comment of tmd 1005100 group is  tmd point 0.(0.0)  mode is

J. ( 27515151000970410042290102  .  10000045000161000426 )
0. ( 7040041930054901006359407872  .  1125736444670950000296032 )

My P values

  P            My P      type of DE(COMP0S1T104

  1            1              0

**********************************************************************************************************************************
```

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*****************************************************************************************************************

Z= -26                D= 333174017

A= ( -101602559659191301963972362249101115100499 , 557070700172075925519727024407933960 )
B= ( 17649516661900192664010601500470367961590057632069155012161790 , -96693370001400759927226307104100693600035602037300018495Z )

J-INVARIANT
...........

J= ( -01320462102214321000003193569042406703540546690520390321165 7/2041669549374203645025520453237693075 06560 , 0 )


THE ISOMORPHISM TYP. OF THE TORSION GROUP IS Z MOD IS 2.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 130101005000000003143 , -71[illegible]5350159008 )
V= ( 117003731610037520290644 , -64539100740261553 04 )

MU-P-VALUES
.. ......

 P            MU-P       TYPE OF DECOMPOSITION

 3            1              D

*****************************************************************************************************************
```

```
**********************************************************************************************************************************

A= -37/2              B= 2051565553

A= ( -39925319259864321548758697538932494154809892381O4 , 747667048652454872552316686304610482281320 )
B= ( 8342658011006390321762774645439400894703540023010013213034405305553111040 , -013196594017088254997480417051435193267651006794549
49301745212864 )


J-INVARIANT
-----------

J= ( -339444420036402290100857905950100630666214501957726333938100167951S/594913799447075428775076523208520187346508507827 20 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z AND IS Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT 0=(U,V). HERE IS

U= ( 01573618916400580361238 , -1527595984211612378 )
V= ( 1329439075742139644519921764 , -2489592590742569831700048 )


MU P VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                D

**********************************************************************************************************************************
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**********************************************************************************************************************************************

X= -21/2            B= 103073715

A= ( -92229113276922594997901863796600127945048 , 9006354437016442506511166820198663644 )
B= ( 6821311121696200052174668015006654602091597800187442012105920 , -67408000190683906780040209557520005367469533674973971776 )


J-INVARIANT
-----------

J= ( -46115995782827226621912356955013843835485539209226039135 1/8205639515967451216757020053450754297815040 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 59206722045966284374 , -5861771501950586 )
V= ( 553766505555903357961 0328 , -3484518313830754602 00 )


MU-P-VALUES
----- ----

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                B


**********************************************************************************************************************************************
X= -10
**********************************************************************************************************************************************

X= -10              B= 1212641

A= ( -721612617000525735554693316 27 , 65511491826646467331960200 )
B= ( 5335537660742115276305133457626825 1843246 , -3620012627901000786366761207958246409400 )


J-INVARIANT
-----------

J= ( -152154059516982600928063869863245636197909 21/486425018187987790000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 3467520028 1647 , -31488563900 )
V= ( 3870436206774200 , -3514784815000 )


**********************************************************************************************************************************************
```

```
**********************************************************************************************************************************

X= 5/2              B= 5449

A= ( 25443025773673744B , 3446751005593600 )
B= ( 30562737309634650074025099504 , 41376099960792335507124000 )


J-INVARIANT
-----------

J= ( 677020351571195056191/7493310100000000000000 , 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( -802804522 , -10079950 )
V= ( -16947493601600 , -229603507200 )


MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1                B

**********************************************************************************************************************************
```

****

I= 15 B= 4109353

A= (-875061975316225555206467137809617552 , -4320648600775079331551436530464)
B= (1410966225917614103466000247164938597957223737516000 , 6960331007112329569362427954253450353620420926 72)

J INVARIANT

J= (4020291715727200000970333371205423704259649345 3/4974256297260403720715041754654 0 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (1200214909040643 8 , 5960155790706)
V= (-1255556020221320 5960 , -6105026506615000)

MU-P-VALUE:

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

****

X= 57/2 0= 31929244609

A= (-17619445951927610625316757333019055327233756286908246216 , -986047703104991000983367272044819715555950032 6)
B= (4025793359596000000970485532165065315006650984295445004100644317142553054110272 , 225297900051079001517451240219413866331393240
5012722545360836821860295 76)

J-INVARIANT

J= (1864026546015001470362248201463471204145090392199670683734269824299025252 9/569054649351737513467042255339703533472022790000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 AND IS 2.

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V). HERE IS

U= (171364363144818694961355494 , 9590167428507296460 2)
V= (-4601933906187824190597622400000 , -26212982418832465056200000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

****

I= 57/2 D= 31929244609

A= (-17619445951027610629531675733010055272537562869824216 , -986047705104991009983367272044039715555950032 8)
B= (40257933959680000007040355321650653150046509842954458041006443171425308041102 72 , 225297900031079001517451240219413866331393240
5912722545536085821860295 76)

J-INVARIANT
.....

J= (1864826546015001479362240201463471204145090392199670603734269824299025252 9/3690546493517373144704225533970333472022790000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 15 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT 0=(U,V). HERE IS

U= (171364863144610649046135094 , 959016742085072964602)
V= (-4403933906187824190597622000000 , -2621290241893246505 9200000)

MU-P-VALUES
... ...

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

****

I= 36 D= 2057445921

A= (-3222060579403597011070743690137695199594343 , -710347369410359533242509452120739823190)
B= (31402215047609867525654543446550221253055002686063517706907296363 42 , 69406481116240006612463590007025093237208317225470600030416920)

J-INVARIANT

J= (753622507270116940651151421251650589192603050035344600847170107 7/64419300554217270267001622855600000000000000 , 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 13 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT B=(U,V). HERE IS

U= (7320106420020197300099 , 1615577301599666416)
V= (-979325755977647058100000 , -215905235229702900000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D
13	1/3	A

****

*** 07 DPO 00170011FA01 6000 1000000000000 101 . 0001/102-1622 ***
*** 200-10- 001/27 12.05/15/0210.PO/---1Fm00000--- ***

SEITE	STANDARDINDEX
A- 1	
C- 1	X= -100
D- 1	X= -199/2
E- 1	X= -99
F- 1	X= -197/2
G- 1	X= -98
H- 1	X= -195/2
I- 1	X= -97
J- 1	X= -193/2
K- 1	X= -96
L- 1	X= -191/2
M- 1	X= -95
N- 1	X= -189/2
O- 1	X= -94
P- 1	X= -187/2

SEITE	STANDARDINDEX
A- 5	X= -141/2
C- 5	X= -70
D- 5	X= -139/2
E- 5	X= -69
F- 5	X= -137/2
G- 5	X= -68
H- 5	X= -135/2
I- 5	X= -67
J- 5	X= -133/2
K- 5	X= -66
L- 5	X= -131/2
M- 5	X= -65
N- 5	X= -129/2
O- 5	X= -64
P- 5	X= -127/2

SEITE	STANDARDINDEX
A- 9	X= -81/2
C- 9	X= -40
D- 9	X= -79/2
E- 9	X= -39
F- 9	X= -77/2
G- 9	X= -38
H- 9	X= -75/2
I- 9	X= -37
J- 9	X= -73/2
K- 9	X= -36
L- 9	X= -71/2
M- 9	X= -35
N- 9	X= -69/2
O- 9	X= -34
P- 9	X= -67/2

SEITE	STANDARDINDEX
A-13	X= -19/2
C-13	X= -9
D-13	X= -8
E-13	X= -15/2
F-13	X= -13/2
G-13	X= -6
H-13	X= -5
I-13	X= -9/2
J-13	X= -7/2
K-13	X= -3
L-13	X= -5/2
M-13	X= -3/2
N-13	X= -1/2
O-13	X= 1/2
P-13	X= 5/2

SEITE	STANDARDINDEX
A-17	X= 29
C-17	X= 59/2
D-17	X= 30
E-17	X= 61/2
F-17	X= 31
G-17	X= 63/2
H-17	X= 32
I-17	X= 65/2
J-17	X= 33
K-17	X= 67/2
L-17	X= 34
M-17	X= 69/2
N-17	X= 35
O-17	X= 71/2
P-17	X= 36

SEITE	STANDARDINDEX
A- 2	X= -91
C- 2	X= -185/2
D- 2	X= -92
E- 2	X= -183/2
F- 2	X= -91
G- 2	X= -181/2
H- 2	X= -90
I- 2	X= -179/2
J- 2	X= -89
K- 2	X= -177/2
L- 2	X= -88
M- 2	X= -175/2
N- 2	X= -87
O- 2	X= -173/2
P- 2	X= -86

SEITE	STANDARDINDEX
A- 6	X= -65
C- 6	X= -125/2
D- 6	X= -62
E- 6	X= -123/2
F- 6	X= -61
G- 6	X= -121/2
H- 6	X= -60
I- 6	X= -119/2
J- 6	X= -59
K- 6	X= -117/2
L- 6	X= -58
M- 6	X= -115/2
N- 6	X= -57
O- 6	X= -113/2
P- 6	X= -56

SEITE	STANDARDINDEX
A-10	X= -33
C-10	X= -65/2
D-10	X= -32
E-10	X= -63/2
F-10	X= -31
G-10	X= -61/2
H-10	X= -30
I-10	X= -59/2
J-10	X= -29
K-10	X= -57/2
L-10	X= -28
M-10	X= -55/2
N-10	X= -27
O-10	X= -53/2
P-10	X= -26

SEITE	STANDARDINDEX
A-14	X= 5
C-14	X= 7/2
D-14	X= 4
E-14	X= 9/2
F-14	X= 11/2
G-14	X= 6
H-14	X= 7
I-14	X= 15/2
J-14	X= 17/2
K-14	X= 9
L-14	X= 10
M-14	X= 21/2
N-14	X= 23/2
O-14	X= 12
P-14	X= 13

SEITE	STANDARDINDEX
A-18	X= 71/2
C-18	X= 37
D-18	X= 75/2
E-18	X= 38
F-18	X= 77/2
G-18	X= 39
H-18	X= 79/2
I-18	X= 40
J-18	X= 81/2
K-18	X= 41
L-18	X= 83/2
M-18	X= 42
N-18	X= 85/2
O-18	X= 43

SEITE	STANDARDINDEX
A- 3	X= -171/2
C- 3	X= -85
D- 3	X= -169/2
E- 3	X= -84
F- 3	X= -167/2
G- 3	X= -83
H- 3	X= -165/2
I- 3	X= -82
J- 3	X= -163/2
K- 3	X= -81
L- 3	X= -161/2
M- 3	X= -80
N- 3	X= -159/2
O- 3	X= -79
P- 3	X= -157/2

SEITE	STANDARDINDEX
A- 7	X= -111/2
C- 7	X= -55
D- 7	X= -109/2
E- 7	X= -54
F- 7	X= -107/2
G- 7	X= -53
H- 7	X= -105/2
I- 7	X= -52
J- 7	X= -103/2
K- 7	X= -51
L- 7	X= -101/2
M- 7	X= -50
N- 7	X= -99/2
O- 7	X= -49
P- 7	X= -97/2

SEITE	STANDARDINDEX
A-11	X= -51/2
C-11	X= -25
D-11	X= -49/2
E-11	X= -24
F-11	X= -47/2
G-11	X= -23
H-11	X= -45/2
I-11	X= -22
J-11	X= -43/2
K-11	X= -21
L-11	X= -41/2
M-11	X= -20
N-11	X= -39/2
O-11	X= -19
P-11	X= -37/2

SEITE	STANDARDINDEX
A-15	X= 27/2
C-15	X= 14
D-15	X= 29/2
E-15	X= 15
F-15	X= 31/2
G-15	X= 16
H-15	X= 33/2
I-15	X= 17
J-15	X= 35/2
K-15	X= 18
L-15	X= 19
M-15	X= 39/2
N-15	X= 20
O-15	X= 41/2
P-15	X= 21

SEITE	STANDARDINDEX
A- 4	X= -78
C- 4	X= -155/2
D- 4	X= -77
E- 4	X= -153/2
F- 4	X= -76
G- 4	X= -151/2
H- 4	X= -75
I- 4	X= -149/2
J- 4	X= -74
K- 4	X= -147/2
L- 4	X= -73
M- 4	X= -145/2
N- 4	X= -72
O- 4	X= -143/2
P- 4	X= -71

SEITE	STANDARDINDEX
A- 8	X= -40
C- 8	X= -95/2
D- 8	X= -47
E- 8	X= -93/2
F- 8	X= -46
G- 8	X= -91/2
H- 8	X= -45
I- 8	X= -89/2
J- 8	X= -44
K- 8	X= -87/2
L- 8	X= -43
M- 8	X= -85/2
N- 8	X= -42
O- 8	X= -83/2
P- 8	X= -41

SEITE	STANDARDINDEX
A-12	X= -18
C-12	X= -35/2
D-12	X= -17
E-12	X= -33/2
F-12	X= -16
G-12	X= -31/2
H-12	X= -15
I-12	X= -29/2
J-12	X= -14
K-12	X= -27/2
L-12	X= -13
M-12	X= -25/2
N-12	X= -12
O-12	X= -11
P-12	X= -21/2

SEITE	STANDARDINDEX
A-16	X= 63/2
C-16	X= 32
D-16	X= 65/2
E-16	X= 33
F-16	X= 67/2
G-16	X= 34
H-16	X= 69/2
I-16	X= 35
J-16	X= 71/2
K-16	X= 36
L-16	X= 73/2
M-16	X= 37
N-16	X= 75/2
O-16	X= 38
P-16	X= 77/2