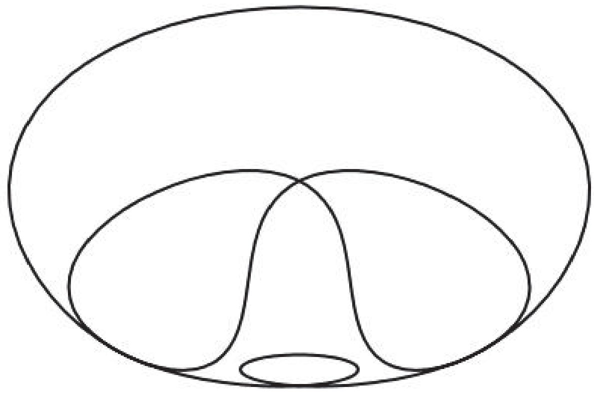
数の２進３進数を用いたグラフ

２３、９６KUN９９９



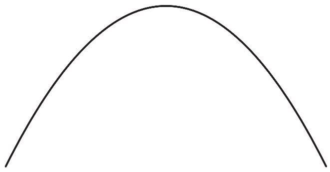
蛭子井博孝作

卵形線研究センター

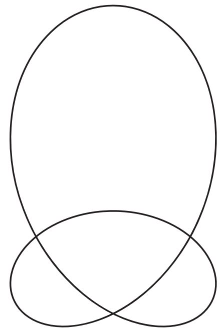
http://geomatics85.org/

$X=0$
$Y=0$

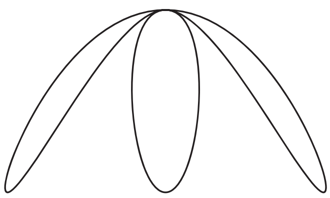
$1_{[[\,]=HeFcs(0)]}=1_{3\,sinsuu},\ 0=0$
$X=\sin(x)$
$Y=0$



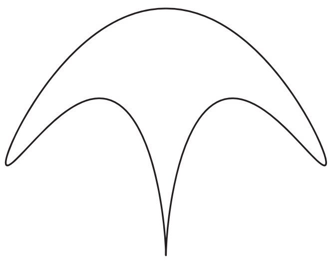
$2_{[[2]=HeFcs(2)]}=2_{3\,sinsuu},\ 2=10_{2\,sinsuu}$
$X=2\sin(x)$
$Y=\cos(2x)$



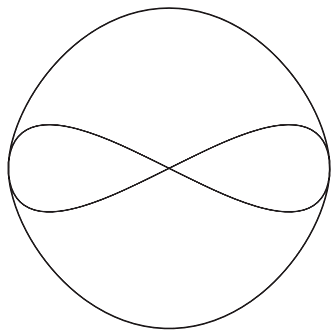
$3_{[[3]=HeFcs(3)]}=10_{3\,sinsuu},\ 3=11_{2\,sinsuu}$
$X=\sin(2x)$
$Y=\cos(x)+\cos(2x)$



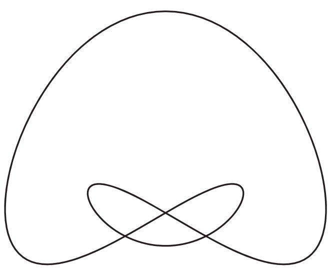
$4_{[[2,2]=HeFcs(4)]}=11_{3\,sinsuu},\ 4=100_{2\,sinsuu}$
$X=\sin(x)+\sin(2x)$
$Y=\cos(3x)$



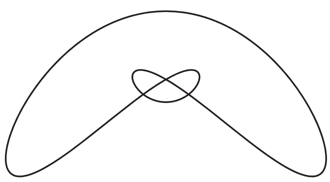
$5_{[[5]=HeFcs(5)]}=12_{3\,sinsuu},\ 5=101_{2\,sinsuu}$
$X=2\sin(x)+\sin(2x)$
$Y=\cos(x)+\cos(3x)$



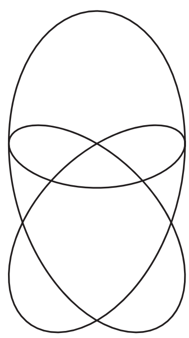
$6_{[[2,3]=HeFcs(5)]}=20_{3\,sinsuu},\ 5=101_{2\,sinsuu}$
$X=2\sin(2x)$
$Y=\cos(x)+\cos(3x)$



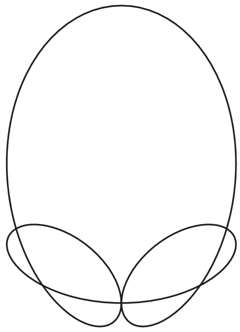
$7_{[[7]=HeFcs(7)]}=21_{3\,sinsuu},\ 7=111_{2\,sinsuu}$
$X=\sin(x)+2\sin(2x)$
$Y=\cos(x)+\cos(2x)+\cos(3x)$



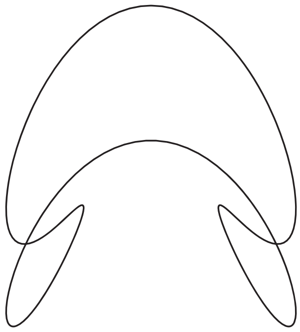
$8_{[[2,2,2]=HeFcs(6)]}=22_{3\,sinsuu},\ 6=110_{2\,sinsuu}$
$X=2\sin(x)+2\sin(2x)$
$Y=\cos(2x)+\cos(3x)$



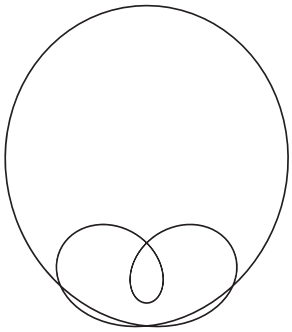
$9_{[[3,3]=HeFcs(6)]}=100_{3\,sinsuu},\ 6=110_{2\,sinsuu}$
$X=\sin(3x)$
$Y=\cos(2x)+\cos(3x)$



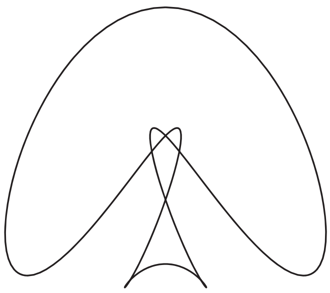
$10_{[[2,5]=HeFcs(7)]} = 101_{3\,sinsuu},\ 7 = 111_{2\,sinsuu}$
$X = \sin(x) + \sin(3x)$
$Y = \cos(x) + \cos(2x) + \cos(3x)$



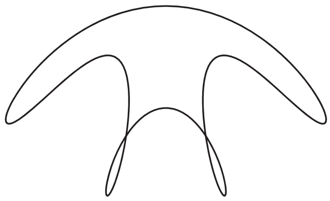
$11_{[[11]=HeFcs(11)]} = 102_{3\,sinsuu},\ 11 = 1011_{2\,sinsuu}$
$X = 2\sin(x) + \sin(3x)$
$Y = \cos(x) + \cos(2x) + \cos(4x)$



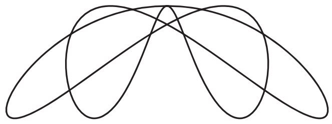
$12_{[[2,2,3]=HeFcs(7)]} = 110_{3\,sinsuu},\ 7 = 111_{2\,sinsuu}$
$X = \sin(2x) + \sin(3x)$
$Y = \cos(x) + \cos(2x) + \cos(3x)$



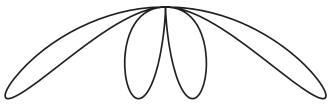
$13_{[[13]=HeFcs(13)]} = 111_{3\,sinsuu},\ 13 = 1101_{2\,sinsuu}$
$X = \sin(x) + \sin(2x) + \sin(3x)$
$Y = \cos(x) + \cos(3x) + \cos(4x)$



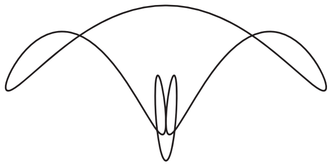
$14_{[[2,7]=HeFcs(9)]} = 112_{3\,sinsuu},\ 9 = 1001_{2\,sinsuu}$
$X = 2\sin(x) + \sin(2x) + \sin(3x)$
$Y = \cos(x) + \cos(4x)$



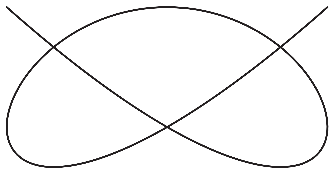
$15_{[[3,5]=HeFcs(8)]} = 120_{3\,sinsuu},\ 8 = 1000_{2\,sinsuu}$
$X = 2\sin(2x) + \sin(3x)$
$Y = \cos(4x)$



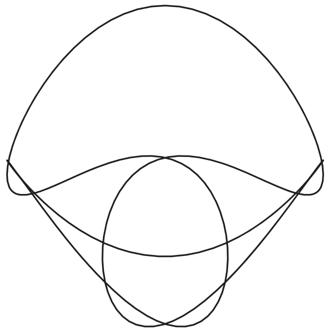
$16_{[[2,2,2,2]=HeFcs(8)]} = 121_{3\,sinsuu},\ 8 = 1000_{2\,sinsuu}$
$X = \sin(x) + 2\sin(2x) + \sin(3x)$
$Y = \cos(4x)$



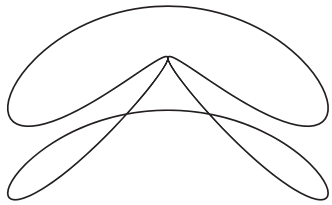
$17_{[[17]=HeFcs(17)]} = 122_{3\,sinsuu},\ 17 = 10001_{2\,sinsuu}$
$X = 2\sin(x) + 2\sin(2x) + \sin(3x)$
$Y = \cos(x) + \cos(5x)$



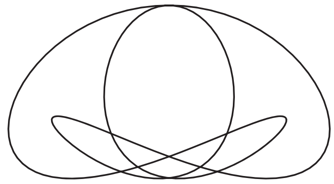
$18_{[[2,3,3]=HeFcs(8)]} = 200_{3\,sinsuu},\ 8 = 1000_{2\,sinsuu}$
$X = 2\sin(3x)$
$Y = \cos(4x)$



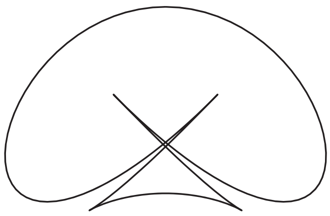
$19_{[[19]=HeFcs(19)]} = 201_{3\,sinsuu},\ 19 = 10011_{2\,sinsuu}$
$X = \sin(x) + 2\sin(3x)$
$Y = \cos(x) + \cos(2x) + \cos(5x)$



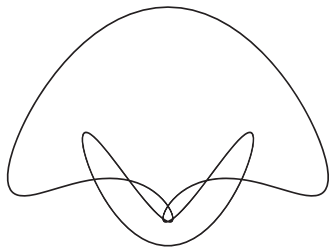
$20_{[[2,\ 2,\ 5]=HeFcs(9)]} = 202_{3\,sinsuu},\ 9 = 1001_{2\,sinsuu}$
$X = 2\sin(x) + 2\sin(3x)$
$Y = \cos(x) + \cos(4x)$



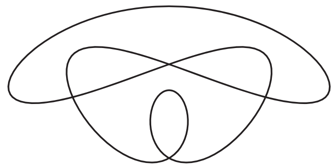
$21_{[[3,\ 7]=HeFcs(10)]} = 210_{3\,sinsuu},\ 10 = 1010_{2\,sinsuu}$
$X = \sin(2x) + 2\sin(3x)$
$Y = \cos(2x) + \cos(4x)$



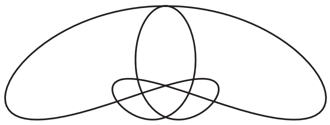
$22_{[[2,\ 11]=HeFcs(13)]} = 211_{3\,sinsuu},\ 13 = 1101_{2\,sinsuu}$
$X = \sin(x) + \sin(2x) + 2\sin(3x)$
$Y = \cos(x) + \cos(3x) + \cos(4x)$



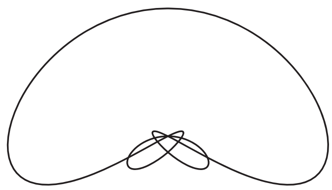
$23_{[[23]=HeFcs(23)]} = 212_{3\,sinsuu},\ 23 = 10111_{2\,sinsuu}$
$X = 2\sin(x) + \sin(2x) + 2\sin(3x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(5x)$



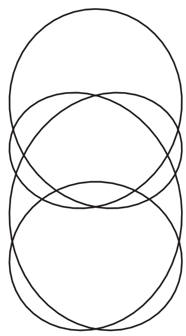
$24_{[[2,\ 2,\ 2,\ 3]=HeFcs(9)]} = 220_{3\,sinsuu},\ 9 = 1001_{2\,sinsuu}$
$X = 2\sin(2x) + 2\sin(3x)$
$Y = \cos(x) + \cos(4x)$



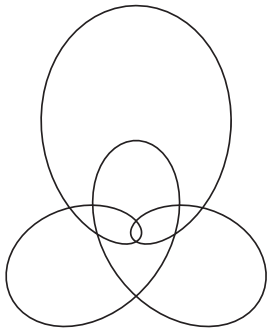
$25_{[[5,\ 5]=HeFcs(10)]} = 221_{3\,sinsuu},\ 10 = 1010_{2\,sinsuu}$
$X = \sin(x) + 2\sin(2x) + 2\sin(3x)$
$Y = \cos(2x) + \cos(4x)$



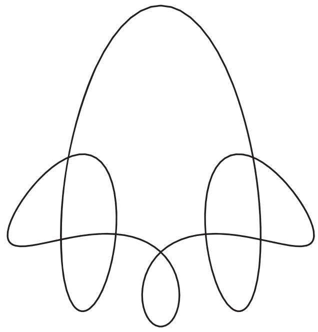
$26_{[[2,\ 13]=HeFcs(15)]} = 222_{3\,sinsuu},\ 15 = 1111_{2\,sinsuu}$
$X = 2\sin(x) + 2\sin(2x) + 2\sin(3x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(4x)$



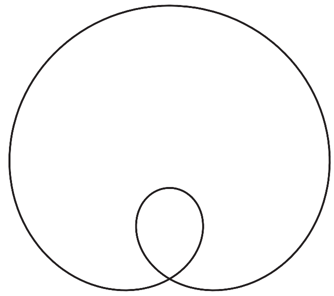
$27_{[[3,\ 3,\ 3]=HeFcs(9)]} = 1000_{3\,sinsuu},\ 9 = 1001_{2\,sinsuu}$
$X = \sin(4x)$
$Y = \cos(x) + \cos(4x)$



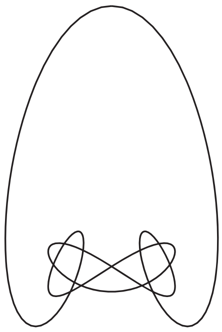
$28_{[[2,\ 2,\ 7] = HeFcs(11)]} = 1001_{3\ sinsuu},\ 11 = 1011_{2\ sinsuu}$
$X = \sin(x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(4x)$



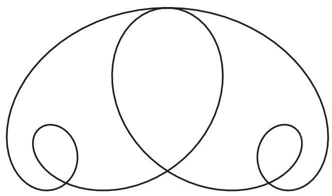
$29_{[[29] = HeFcs(29)]} = 1002_{3\ sinsuu},\ 29 = 11101_{2\ sinsuu}$
$X = 2\sin(x) + \sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(4x) + \cos(5x)$



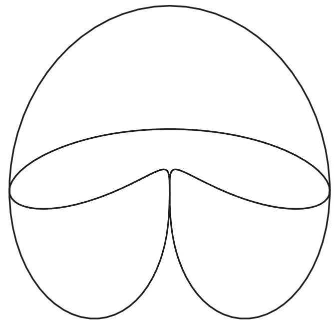
$30_{[[2,\ 3,\ 5] = HeFcs(10)]} = 1010_{3\ sinsuu},\ 10 = 1010_{2\ sinsuu}$
$X = \sin(2x) + \sin(4x)$
$Y = \cos(2x) + \cos(4x)$



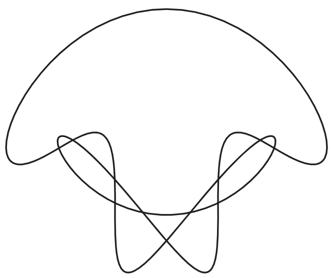
$31_{[[31] = HeFcs(31)]} = 1011_{3\ sinsuu},\ 31 = 11111_{2\ sinsuu}$
$X = \sin(x) + \sin(2x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(4x) + \cos(5x)$



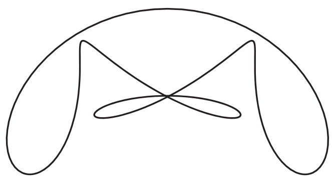
$32_{[[2,\ 2,\ 2,\ 2,\ 2] = HeFcs(10)]} = 1012_{3\ sinsuu},\ 10 = 1010_{2\ sinsuu}$
$X = 2\sin(x) + \sin(2x) + \sin(4x)$
$Y = \cos(2x) + \cos(4x)$



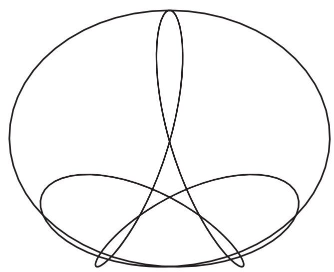
$33_{[[3,\ 11] = HeFcs(14)]} = 1020_{3\ sinsuu},\ 14 = 1110_{2\ sinsuu}$
$X = 2\sin(2x) + \sin(4x)$
$Y = \cos(2x) + \cos(3x) + \cos(4x)$



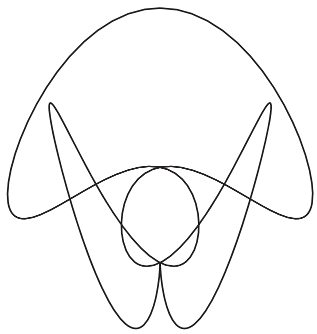
$34_{[[2,\ 17] = HeFcs(19)]} = 1021_{3\ sinsuu},\ 19 = 10011_{2\ sinsuu}$
$X = \sin(x) + 2\sin(2x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(5x)$



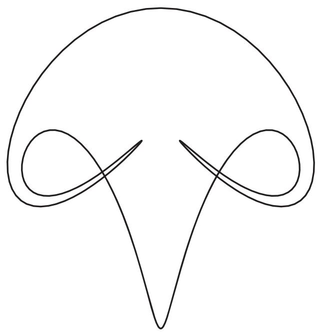
$35_{[[5,\ 7] = HeFcs(12)]} = 1022_{3\ sinsuu},\ 12 = 1100_{2\ sinsuu}$
$X = 2\sin(x) + 2\sin(2x) + \sin(4x)$
$Y = \cos(3x) + \cos(4x)$



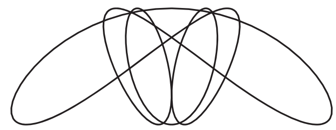
$36_{[[2,\ 2,\ 3,\ 3] = HeFcs(10)]} = 1100_{3\ sinsuu},\ 10 = 1010_{2\ sinsuu}$
$X = \sin(3x) + \sin(4x)$
$Y = \cos(2x) + \cos(4x)$



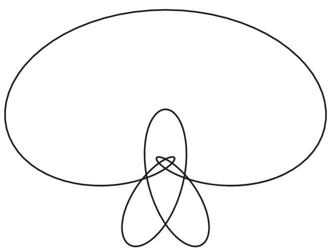
$37_{[[37]=HeFcs(37)]} = 1101_{3\,sinsuu},\ 37 = 100101_{2\,sinsuu}$
$X = \sin(x) + \sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(6x)$



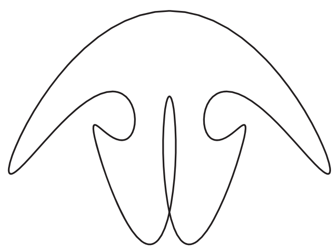
$38_{[[2,\,19]=HeFcs(21)]} = 1102_{3\,sinsuu},\ 21 = 10101_{2\,sinsuu}$
$X = 2\sin(x) + \sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(5x)$



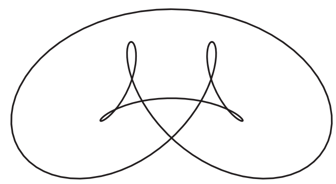
$39_{[[3,\,13]=HeFcs(16)]} = 1110_{3\,sinsuu},\ 16 = 10000_{2\,sinsuu}$
$X = \sin(2x) + \sin(3x) + \sin(4x)$
$Y = \cos(5x)$



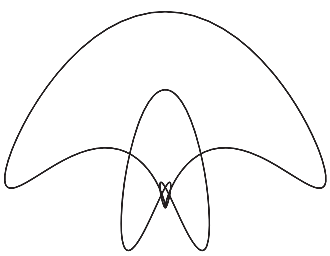
$40_{[[2,\,2,\,2,\,5]=HeFcs(11)]} = 1111_{3\,sinsuu},\ 11 = 1011_{2\,sinsuu}$
$X = \sin(x) + \sin(2x) + \sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(4x)$



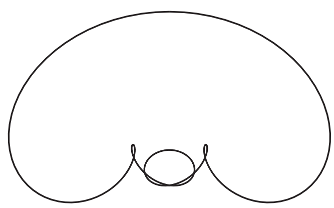
$41_{[[41]=HeFcs(41)]} = 1112_{3\,sinsuu},\ 41 = 101001_{2\,sinsuu}$
$X = 2\sin(x) + \sin(2x) + \sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(4x) + \cos(6x)$



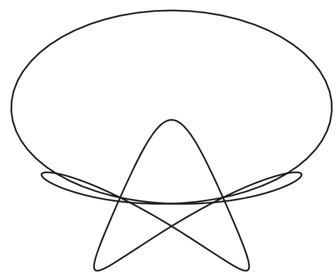
$42_{[[2,\,3,\,7]=HeFcs(12)]} = 1120_{3\,sinsuu},\ 12 = 1100_{2\,sinsuu}$
$X = 2\sin(2x) + \sin(3x) + \sin(4x)$
$Y = \cos(3x) + \cos(4x)$



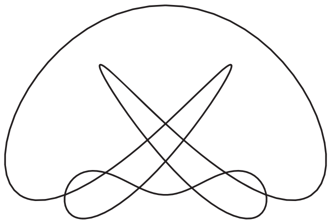
$43_{[[43]=HeFcs(43)]} = 1121_{3\,sinsuu},\ 43 = 101011_{2\,sinsuu}$
$X = \sin(x) + 2\sin(2x) + \sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(4x) + \cos(6x)$



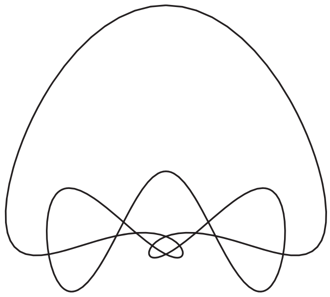
$44_{[[2,\,2,\,11]=HeFcs(15)]} = 1122_{3\,sinsuu},\ 15 = 1111_{2\,sinsuu}$
$X = 2\sin(x) + 2\sin(2x) + \sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(4x)$



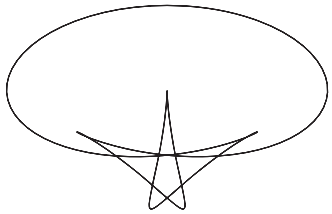
$45_{[[3,\,3,\,5]=HeFcs(11)]} = 1200_{3\,sinsuu},\ 11 = 1011_{2\,sinsuu}$
$X = 2\sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(4x)$



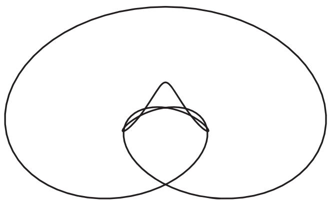
$46_{[[2,\ 23] = HeFcs(25)]} = 1201_{3\ sinsuu},\ 25 = 11001_{2\ sinsuu}$
$X = \sin(x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(4x) + \cos(5x)$



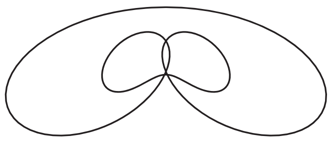
$47_{[[47] = HeFcs(47)]} = 1202_{3\ sinsuu},\ 47 = 101111_{2\ sinsuu}$
$X = 2\sin(x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(4x) + \cos(6x)$



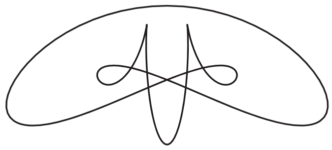
$48_{[[2,\ 2,\ 2,\ 2,\ 3] = HeFcs(11)]} = 1210_{3\ sinsuu},\ 11 = 1011_{2\ sinsuu}$
$X = \sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(4x)$



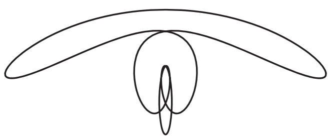
$49_{[[7,\ 7] = HeFcs(14)]} = 1211_{3\ sinsuu},\ 14 = 1110_{2\ sinsuu}$
$X = \sin(x) + \sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(2x) + \cos(3x) + \cos(4x)$



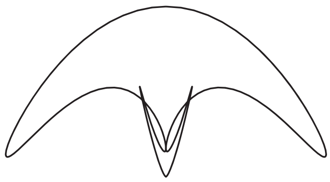
$50_{[[2,\ 5,\ 5] = HeFcs(12)]} = 1212_{3\ sinsuu},\ 12 = 1100_{2\ sinsuu}$
$X = 2\sin(x) + \sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(3x) + \cos(4x)$



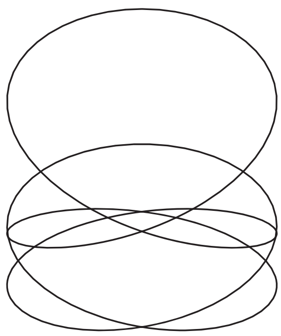
$51_{[[3,\ 17] = HeFcs(20)]} = 1220_{3\ sinsuu},\ 20 = 10100_{2\ sinsuu}$
$X = 2\sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(3x) + \cos(5x)$



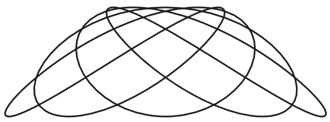
$52_{[[2,\ 2,\ 13] = HeFcs(17)]} = 1221_{3\ sinsuu},\ 17 = 10001_{2\ sinsuu}$
$X = \sin(x) + 2\sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(5x)$



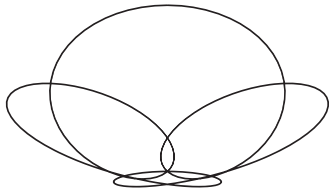
$53_{[[53] = HeFcs(53)]} = 1222_{3\ sinsuu},\ 53 = 110101_{2\ sinsuu}$
$X = 2\sin(x) + 2\sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(5x) + \cos(6x)$



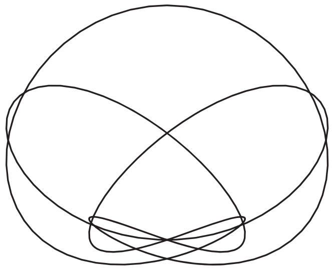
$54_{[[2,\ 3,\ 3,\ 3] = HeFcs(11)]} = 2000_{3\ sinsuu},\ 11 = 1011_{2\ sinsuu}$
$X = 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(4x)$



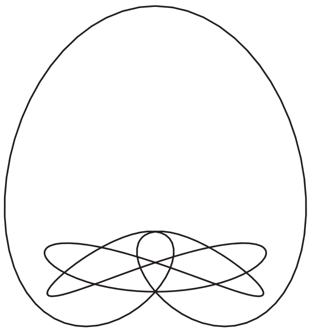
$55_{[[5,11]=HeFcs(16)]} = 2001_{3\,sinsuu}, 16 = 10000_{2\,sinsuu}$
$X = \sin(x) + 2\sin(4x)$
$Y = \cos(5x)$



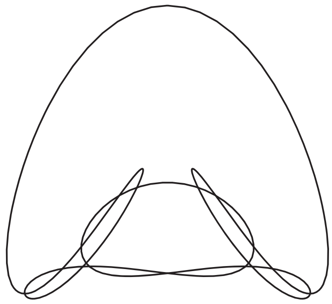
$56_{[[2,2,2,7]=HeFcs(13)]} = 2002_{3\,sinsuu}, 13 = 1101_{2\,sinsuu}$
$X = 2\sin(x) + 2\sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(4x)$



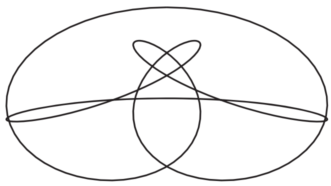
$57_{[[3,19]=HeFcs(22)]} = 2010_{3\,sinsuu}, 22 = 10110_{2\,sinsuu}$
$X = \sin(2x) + 2\sin(4x)$
$Y = \cos(2x) + \cos(3x) + \cos(5x)$



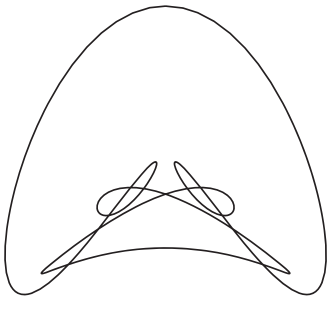
$58_{[[2,29]=HeFcs(31)]} = 2011_{3\,sinsuu}, 31 = 11111_{2\,sinsuu}$
$X = \sin(x) + \sin(2x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(4x) + \cos(5x)$



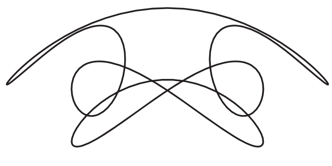
$59_{[[59]=HeFcs(59)]} = 2012_{3\,sinsuu}, 59 = 111011_{2\,sinsuu}$
$X = 2\sin(x) + \sin(2x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(4x) + \cos(5x) + \cos(6x)$



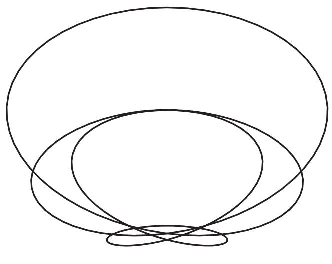
$60_{[[2,2,3,5]=HeFcs(12)]} = 2020_{3\,sinsuu}, 12 = 1100_{2\,sinsuu}$
$X = 2\sin(2x) + 2\sin(4x)$
$Y = \cos(3x) + \cos(4x)$



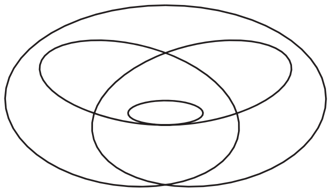
$61_{[[61]=HeFcs(61)]} = 2021_{3\,sinsuu}, 61 = 111101_{2\,sinsuu}$
$X = \sin(x) + 2\sin(2x) + 2\sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(4x) + \cos(5x) + \cos(6x)$



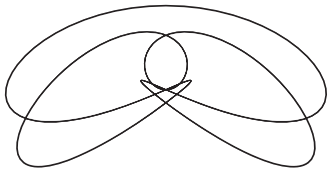
$62_{[[2,31]=HeFcs(33)]} = 2022_{3\,sinsuu}, 33 = 100001_{2\,sinsuu}$
$X = 2\sin(x) + 2\sin(2x) + 2\sin(4x)$
$Y = \cos(x) + \cos(6x)$



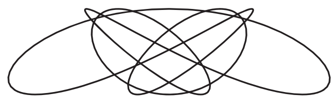
$63_{[[3,3,7]=HeFcs(13)]} = 2100_{3\,sinsuu}, 13 = 1101_{2\,sinsuu}$
$X = \sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(4x)$



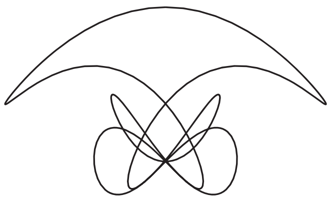
$64_{[[2,2,2,2,2,2]=HeFcs(12)]} = 2101_{3\,sinsuu},\ 12 = 1100_{2\,sinsuu}$
$X = \sin(x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(3x) + \cos(4x)$



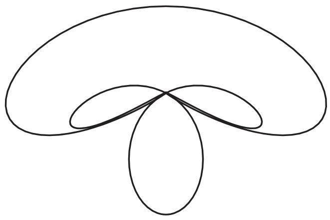
$65_{[[5,13]=HeFcs(18)]} = 2102_{3\,sinsuu},\ 18 = 10010_{2\,sinsuu}$
$X = 2\sin(x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(2x) + \cos(5x)$



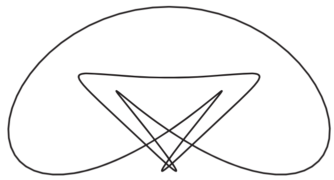
$66_{[[2,3,11]=HeFcs(16)]} = 2110_{3\,sinsuu},\ 16 = 10000_{2\,sinsuu}$
$X = \sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(5x)$



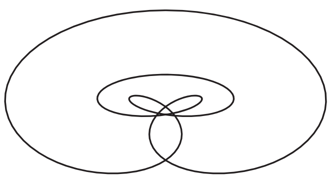
$67_{[[67]=HeFcs(67)]} = 2111_{3\,sinsuu},\ 67 = 1000011_{2\,sinsuu}$
$X = \sin(x) + \sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(7x)$



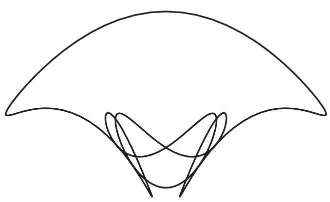
$68_{[[2,2,17]=HeFcs(21)]} = 2112_{3\,sinsuu},\ 21 = 10101_{2\,sinsuu}$
$X = 2\sin(x) + \sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(5x)$



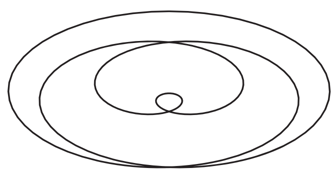
$69_{[[3,23]=HeFcs(26)]} = 2120_{3\,sinsuu},\ 26 = 11010_{2\,sinsuu}$
$X = 2\sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(2x) + \cos(4x) + \cos(5x)$



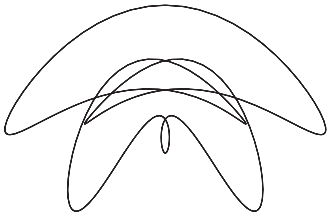
$70_{[[2,5,7]=HeFcs(14)]} = 2121_{3\,sinsuu},\ 14 = 1110_{2\,sinsuu}$
$X = \sin(x) + 2\sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(2x) + \cos(3x) + \cos(4x)$



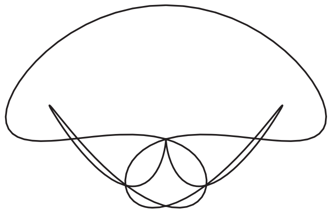
$71_{[[71]=HeFcs(71)]} = 2122_{3\,sinsuu},\ 71 = 1000111_{2\,sinsuu}$
$X = 2\sin(x) + 2\sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(7x)$



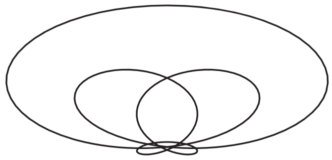
$72_{[[2,2,2,3,3]=HeFcs(12)]} = 2200_{3\,sinsuu},\ 12 = 1100_{2\,sinsuu}$
$X = 2\sin(3x) + 2\sin(4x)$
$Y = \cos(3x) + \cos(4x)$



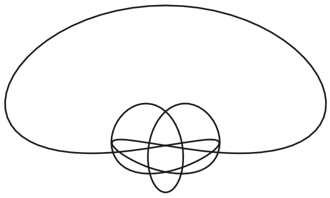
$73_{[[73]=HeFcs(73)]} = 2201_{3\,sinsuu},\ 73 = 1001001_{2\,sinsuu}$
$X = \sin(x) + 2\sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(4x) + \cos(7x)$



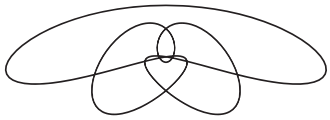
$74_{[[2, 37]=HeFcs(39)]} = 2202_{3\,sinsuu},\ 39 = 100111_{2\,sinsuu}$
$X = 2\sin(x) + 2\sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(6x)$



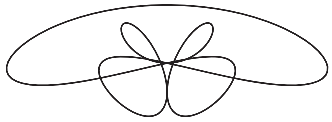
$75_{[[3, 5, 5]=HeFcs(13)]} = 2210_{3\,sinsuu},\ 13 = 1101_{2\,sinsuu}$
$X = \sin(2x) + 2\sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(4x)$



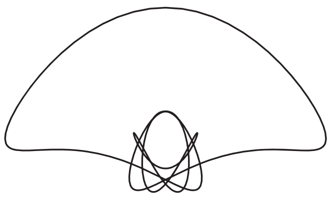
$76_{[[2, 2, 19]=HeFcs(23)]} = 2211_{3\,sinsuu},\ 23 = 10111_{2\,sinsuu}$
$X = \sin(x) + \sin(2x) + 2\sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(5x)$



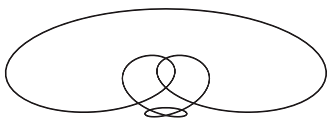
$77_{[[7, 11]=HeFcs(18)]} = 2212_{3\,sinsuu},\ 18 = 10010_{2\,sinsuu}$
$X = 2\sin(x) + \sin(2x) + 2\sin(3x) + 2\sin(4x)$
$Y = \cos(2x) + \cos(5x)$



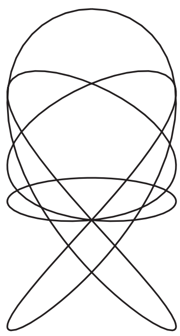
$78_{[[2, 3, 13]=HeFcs(18)]} = 2220_{3\,sinsuu},\ 18 = 10010_{2\,sinsuu}$
$X = 2\sin(2x) + 2\sin(3x) + 2\sin(4x)$
$Y = \cos(2x) + \cos(5x)$



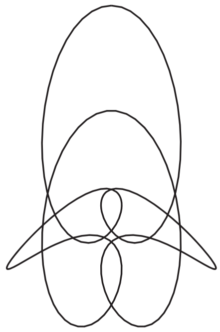
$79_{[[79]=HeFcs(79)]} = 2221_{3\,sinsuu},\ 79 = 1001111_{2\,sinsuu}$
$X = \sin(x) + 2\sin(2x) + 2\sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(4x) + \cos(7x)$



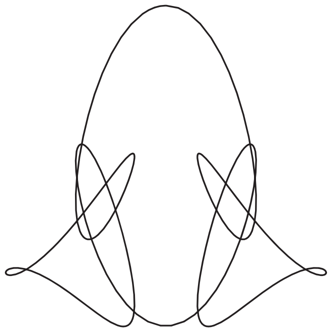
$80_{[[2, 2, 2, 2, 5]=HeFcs(13)]} = 2222_{3\,sinsuu},\ 13 = 1101_{2\,sinsuu}$
$X = 2\sin(x) + 2\sin(2x) + 2\sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(4x)$



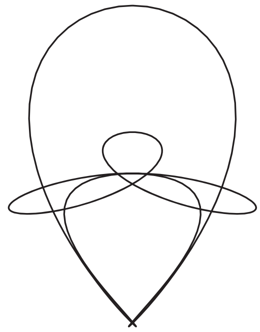
$81_{[[3, 3, 3, 3]=HeFcs(12)]} = 10000_{3\,sinsuu},\ 12 = 1100_{2\,sinsuu}$
$X = \sin(5x)$
$Y = \cos(3x) + \cos(4x)$



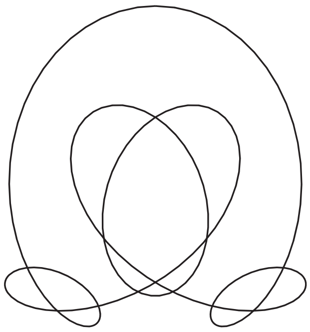
$82_{[[2,\ 41] = HeFcs(43)]} = 10001_{3\ sinsuu},\ 43 = 101011_{2\ sinsuu}$
$X = \sin(x) + \sin(5\ x)$
$Y = \cos(x) + \cos(2\ x) + \cos(4\ x) + \cos(6\ x)$



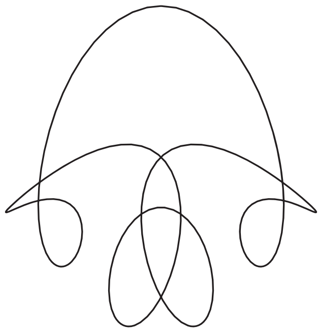
$83_{[[83] = HeFcs(83)]} = 10002_{3\ sinsuu},\ 83 = 1010011_{2\ sinsuu}$
$X = 2\ \sin(x) + \sin(5\ x)$
$Y = \cos(x) + \cos(2\ x) + \cos(5\ x) + \cos(7\ x)$



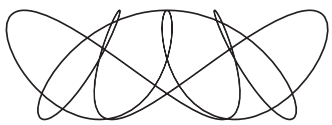
$84_{[[2,\ 2,\ 3,\ 7] = HeFcs(14)]} = 10010_{3\ sinsuu},\ 14 = 1110_{2\ sinsuu}$
$X = \sin(2\ x) + \sin(5\ x)$
$Y = \cos(2\ x) + \cos(3\ x) + \cos(4\ x)$



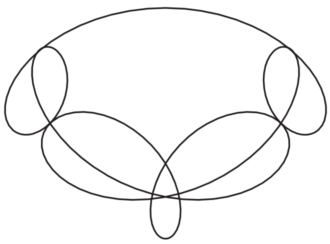
$85_{[[5,\ 17] = HeFcs(22)]} = 10011_{3\ sinsuu},\ 22 = 10110_{2\ sinsuu}$
$X = \sin(x) + \sin(2\ x) + \sin(5\ x)$
$Y = \cos(2\ x) + \cos(3\ x) + \cos(5\ x)$



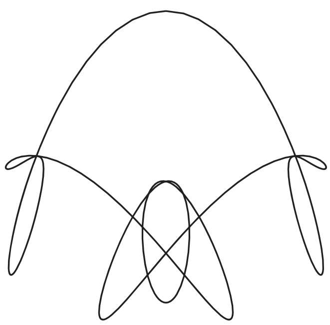
$86_{[[2,\ 43] = HeFcs(45)]} = 10012_{3\ sinsuu},\ 45 = 101101_{2\ sinsuu}$
$X = 2\ \sin(x) + \sin(2\ x) + \sin(5\ x)$
$Y = \cos(x) + \cos(3\ x) + \cos(4\ x) + \cos(6\ x)$



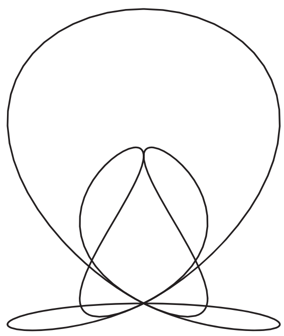
$87_{[[3,\ 29] = HeFcs(32)]} = 10020_{3\ sinsuu},\ 32 = 100000_{2\ sinsuu}$
$X = 2\ \sin(2\ x) + \sin(5\ x)$
$Y = \cos(6\ x)$



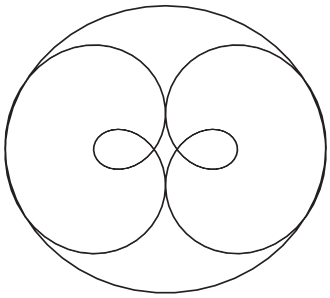
$88_{[[2,\ 2,\ 2,\ 11] = HeFcs(17)]} = 10021_{3\ sinsuu},\ 17 = 10001_{2\ sinsuu}$
$X = \sin(x) + 2\ \sin(2\ x) + \sin(5\ x)$
$Y = \cos(x) + \cos(5\ x)$



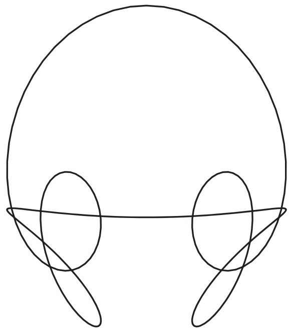
$89_{[[89] = HeFcs(89)]} = 10022_{3\ sinsuu},\ 89 = 1011001_{2\ sinsuu}$
$X = 2\ \sin(x) + 2\ \sin(2\ x) + \sin(5\ x)$
$Y = \cos(x) + \cos(4\ x) + \cos(5\ x) + \cos(7\ x)$



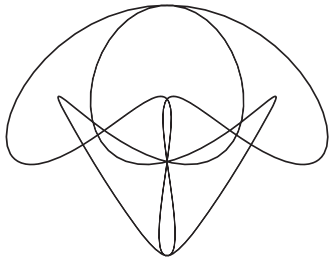
$90_{[[2,\ 3,\ 3,\ 5] = HeFcs(13)]} = 10100_{3\ sinsuu},\ 13 = 1101_{2\ sinsuu}$
$X = \sin(3\ x) + \sin(5\ x)$
$Y = \cos(x) + \cos(3\ x) + \cos(4\ x)$



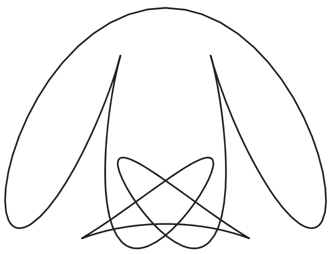
$91_{[[7,\,13]=HeFcs(20)]} = 10101_{3\,sinsuu},\ 20 = 10100_{2\,sinsuu}$
$X = \sin(x) + \sin(3x) + \sin(5x)$
$Y = \cos(3x) + \cos(5x)$



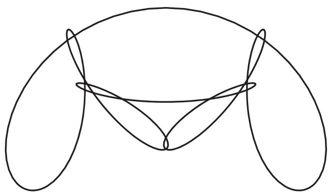
$92_{[[2,\,2,\,23]=HeFcs(27)]} = 10102_{3\,sinsuu},\ 27 = 11011_{2\,sinsuu}$
$X = 2\sin(x) + \sin(3x) + \sin(5x)$
$Y = \cos(x) + \cos(2x) + \cos(4x) + \cos(5x)$



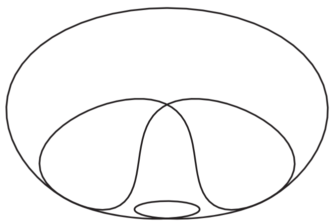
$93_{[[3,\,31]=HeFcs(34)]} = 10110_{3\,sinsuu},\ 34 = 100010_{2\,sinsuu}$
$X = \sin(2x) + \sin(3x) + \sin(5x)$
$Y = \cos(2x) + \cos(6x)$



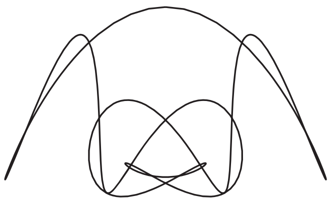
$94_{[[2,\,47]=HeFcs(49)]} = 10111_{3\,sinsuu},\ 49 = 110001_{2\,sinsuu}$
$X = \sin(x) + \sin(2x) + \sin(3x) + \sin(5x)$
$Y = \cos(x) + \cos(5x) + \cos(6x)$



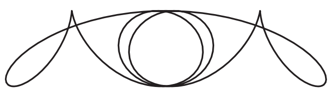
$95_{[[5,\,19]=HeFcs(24)]} = 10112_{3\,sinsuu},\ 24 = 11000_{2\,sinsuu}$
$X = 2\sin(x) + \sin(2x) + \sin(3x) + \sin(5x)$
$Y = \cos(4x) + \cos(5x)$



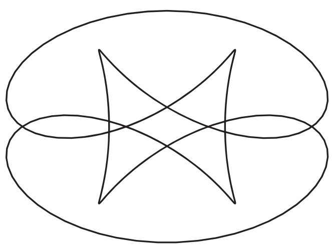
$96_{[[2,\,2,\,2,\,2,\,2,\,3]=HeFcs(13)]} = 10120_{3\,sinsuu},\ 13 = 1101_{2\,sinsuu}$
$X = 2\sin(2x) + \sin(3x) + \sin(5x)$
$Y = \cos(x) + \cos(3x) + \cos(4x)$



$97_{[[97]=HeFcs(97)]} = 10121_{3\,sinsuu},\ 97 = 1100001_{2\,sinsuu}$
$X = \sin(x) + 2\sin(2x) + \sin(3x) + \sin(5x)$
$Y = \cos(x) + \cos(6x) + \cos(7x)$



$98_{[[2,\,7,\,7]=HeFcs(16)]} = 10122_{3\,sinsuu},\ 16 = 10000_{2\,sinsuu}$
$X = 2\sin(x) + 2\sin(2x) + \sin(3x) + \sin(5x)$
$Y = \cos(5x)$



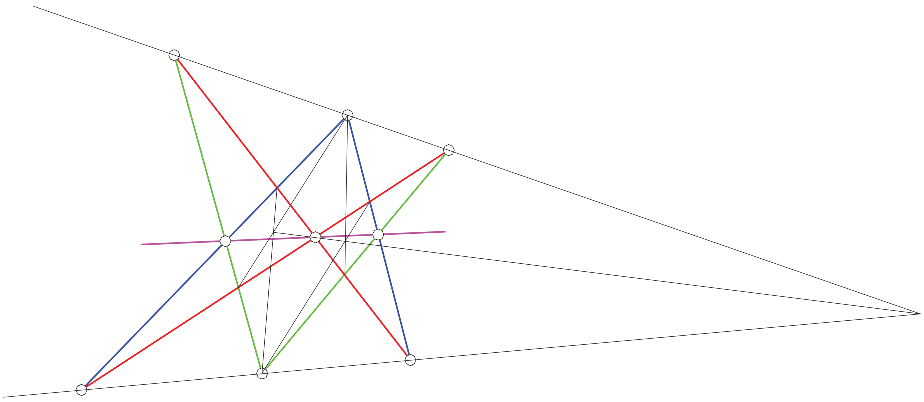
$99_{[[3,\,3,\,11]=HeFcs(17)]} = 10200_{3\,sinsuu},\ 17 = 10001_{2\,sinsuu}$
$X = 2\sin(3x) + \sin(5x)$
$Y = \cos(x) + \cos(5x)$

蛭子井博孝

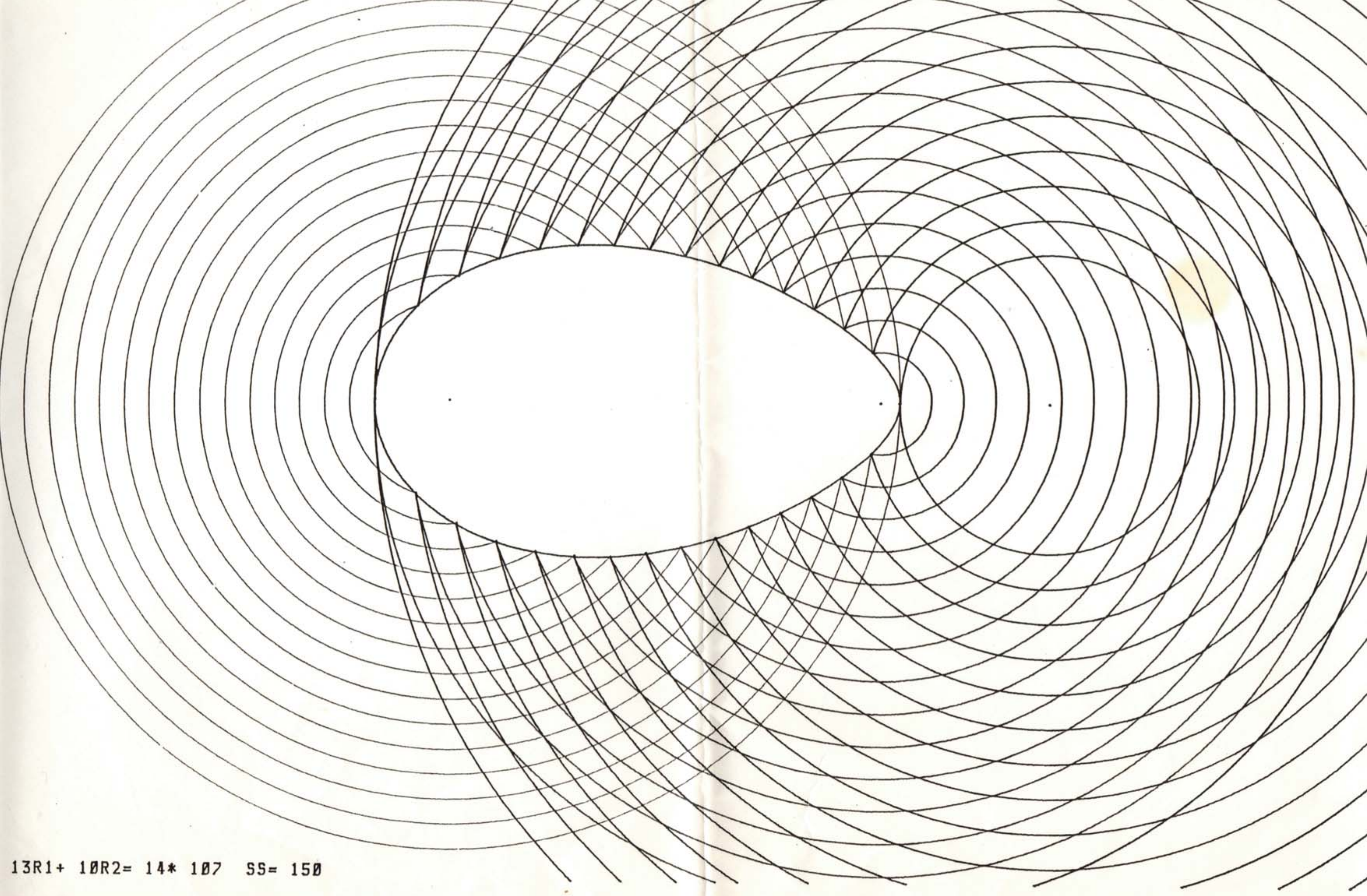
幾何数学創書

あるところにはある構図の不思議

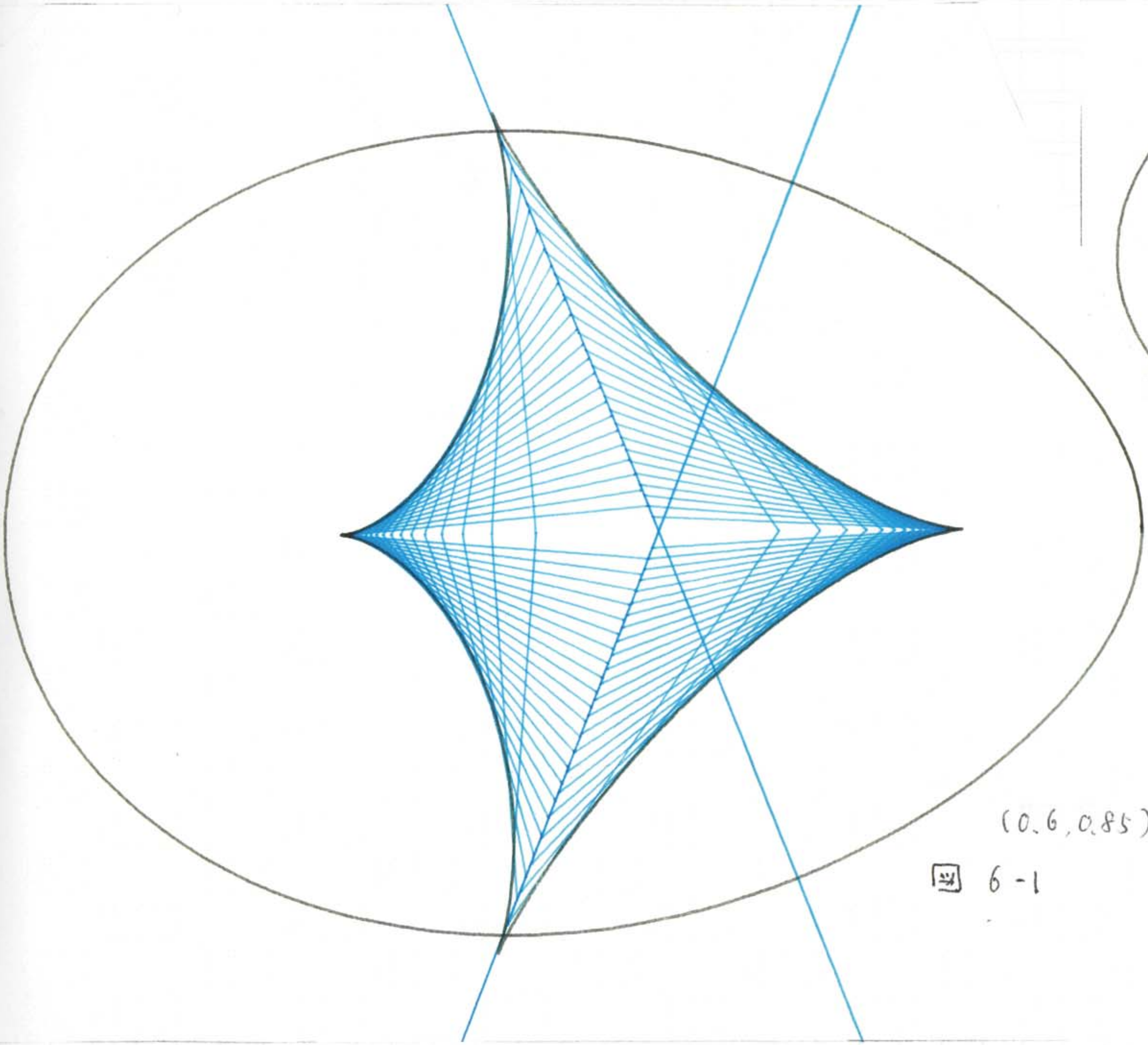
パップスの定理の系



さみしさや　僕を知らない　幾何学者



13R1+ 10R2= 14* 107 SS= 150



(0.6, 0.85)

図 6-1

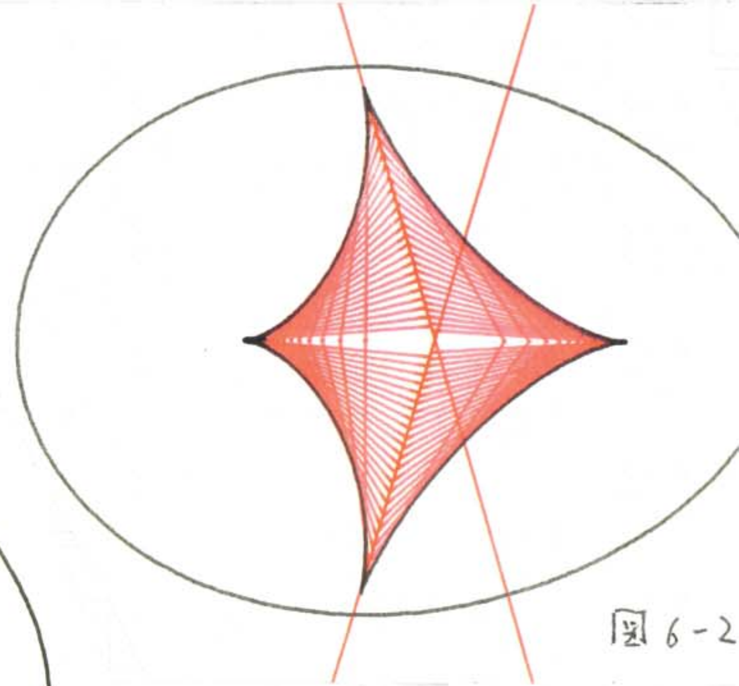
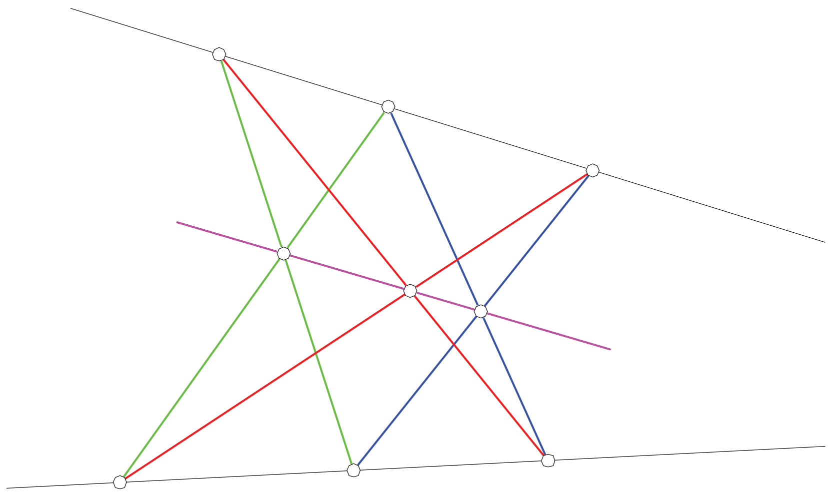


図 6-2

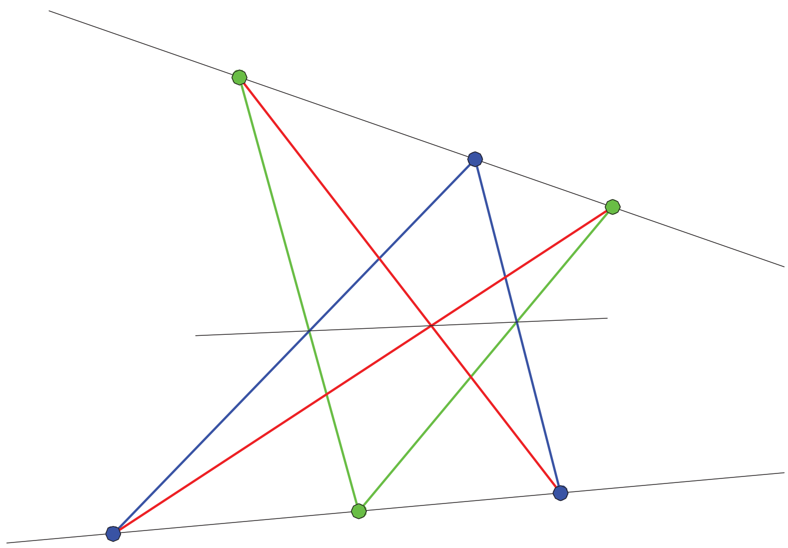
パップスの定理

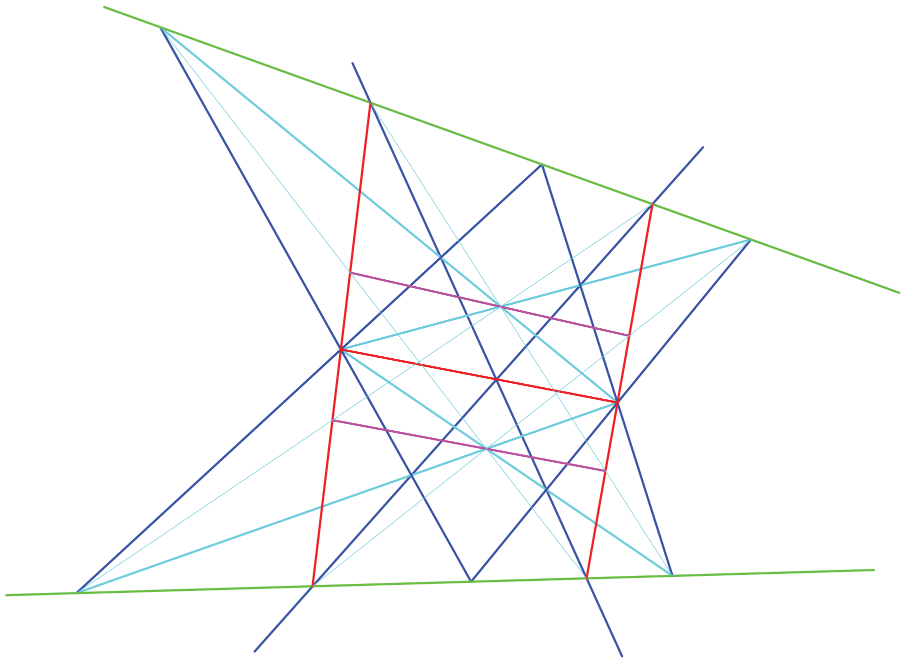
by　蛭子井博孝

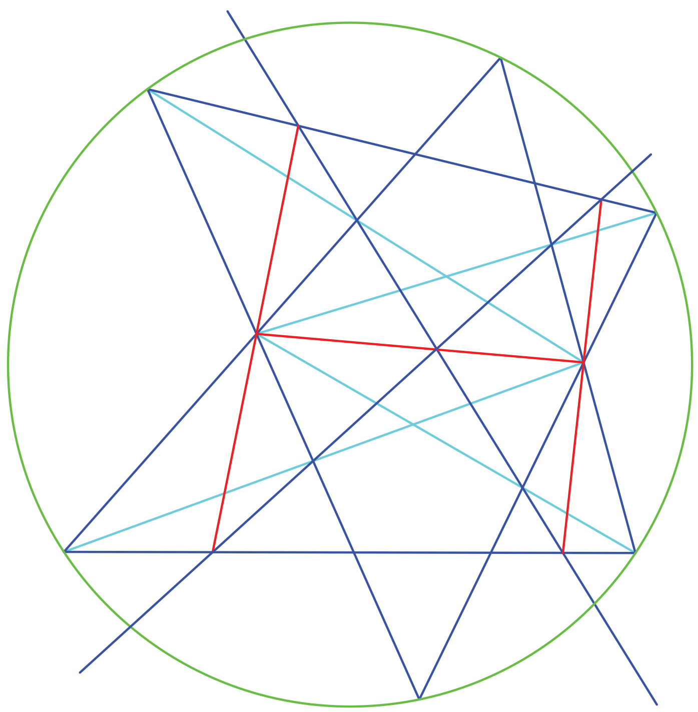
定理の覚え方：　２直線上に３点３点を取り、
３×（ばつ）の３点が一直線上にあるという、共線定理



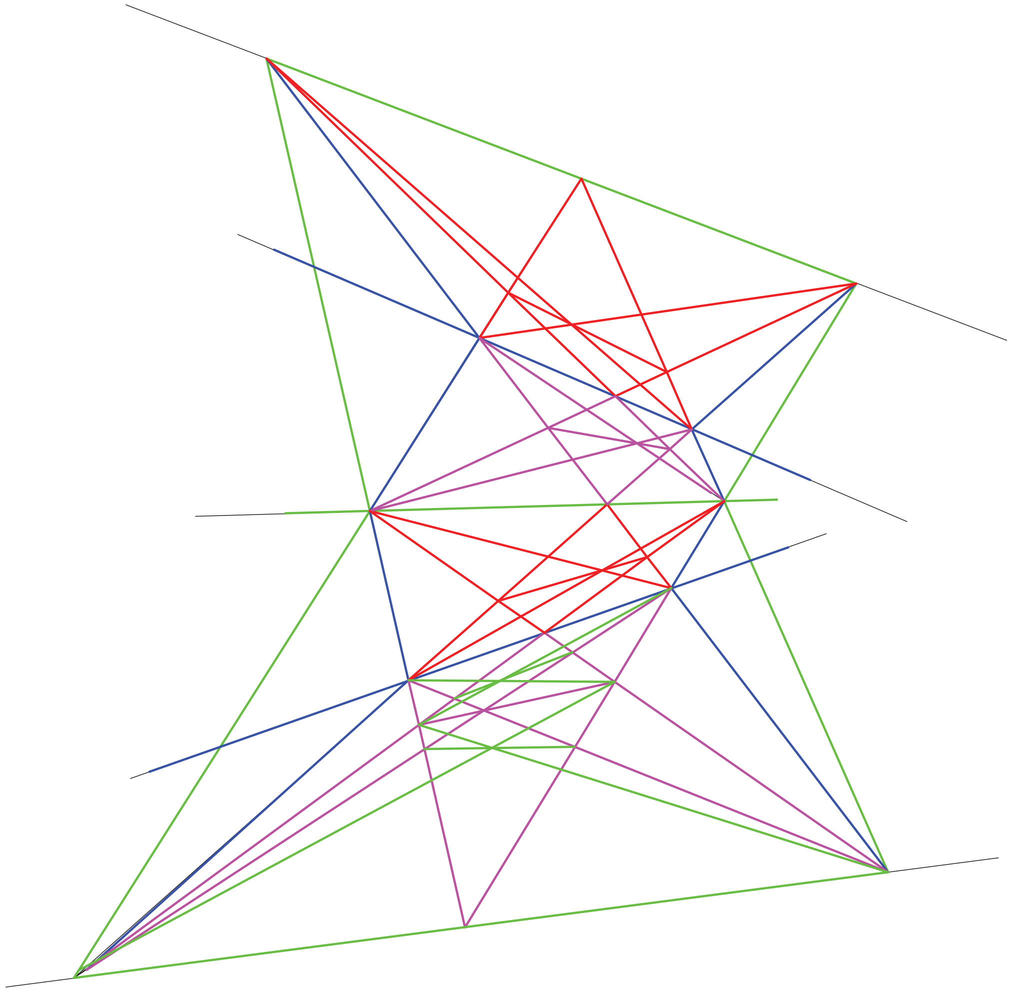
書き方：2 直線上に 3 点 3 点を取り、V と逆 V を重ねて×をする



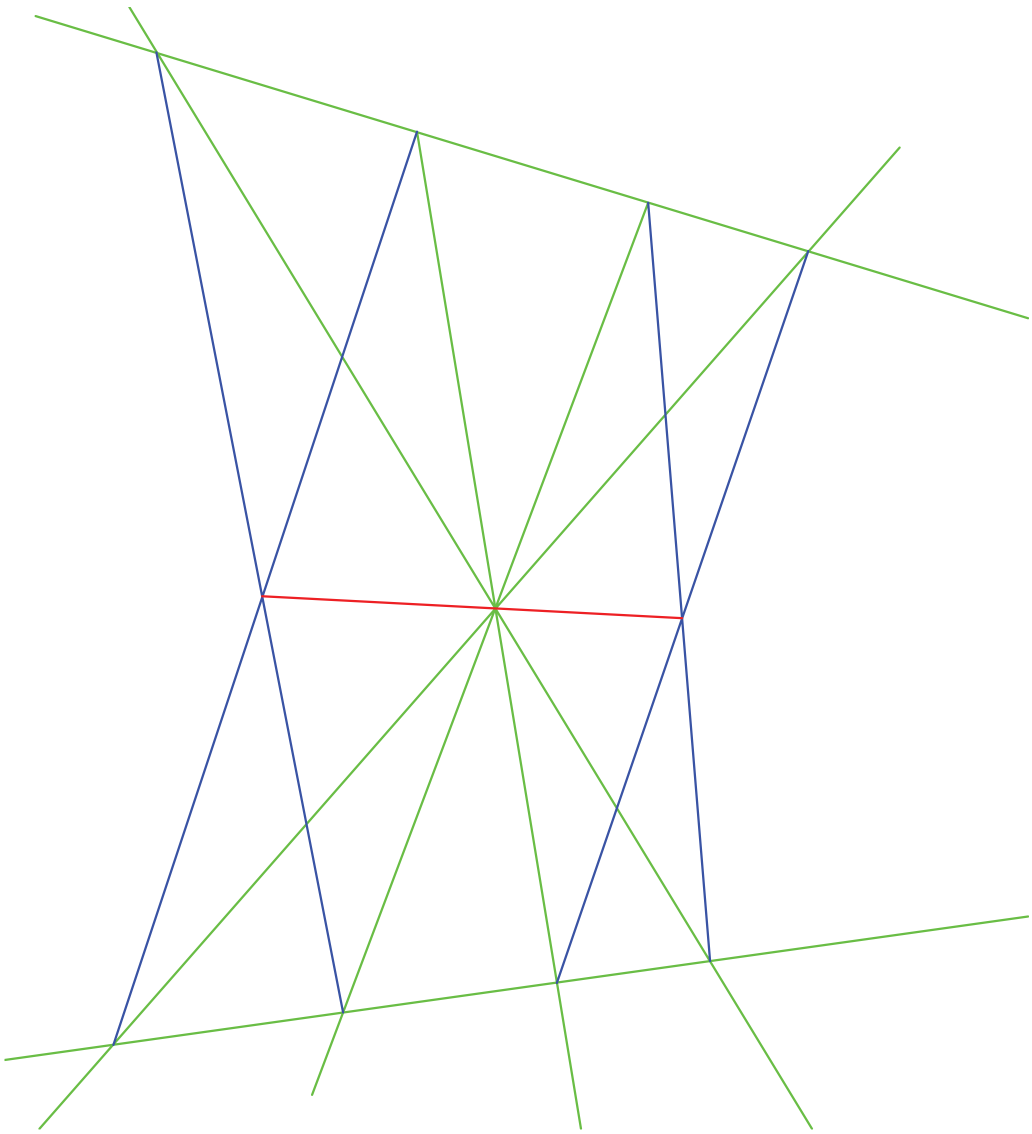




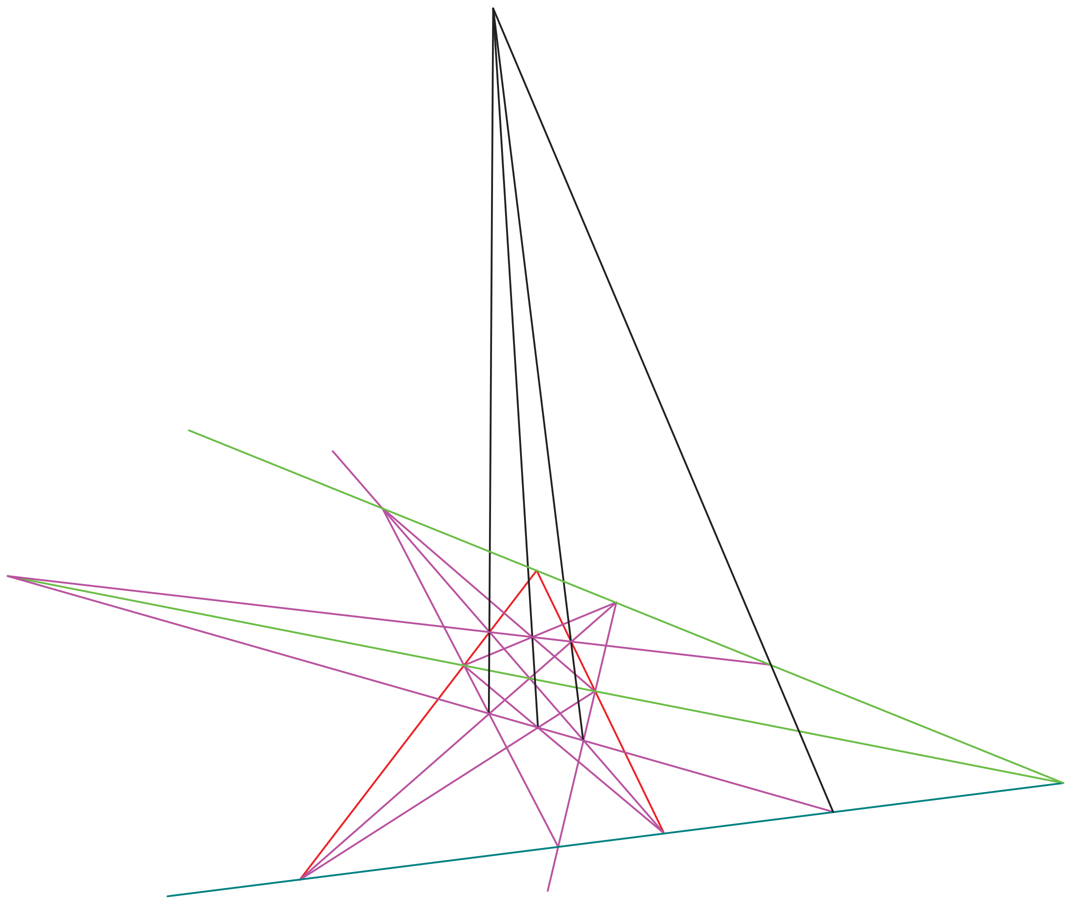
発展定理１　パップス（フラクタル）連鎖定理



拡張定理　1　　　　　　　　　4 点エビスイ定理



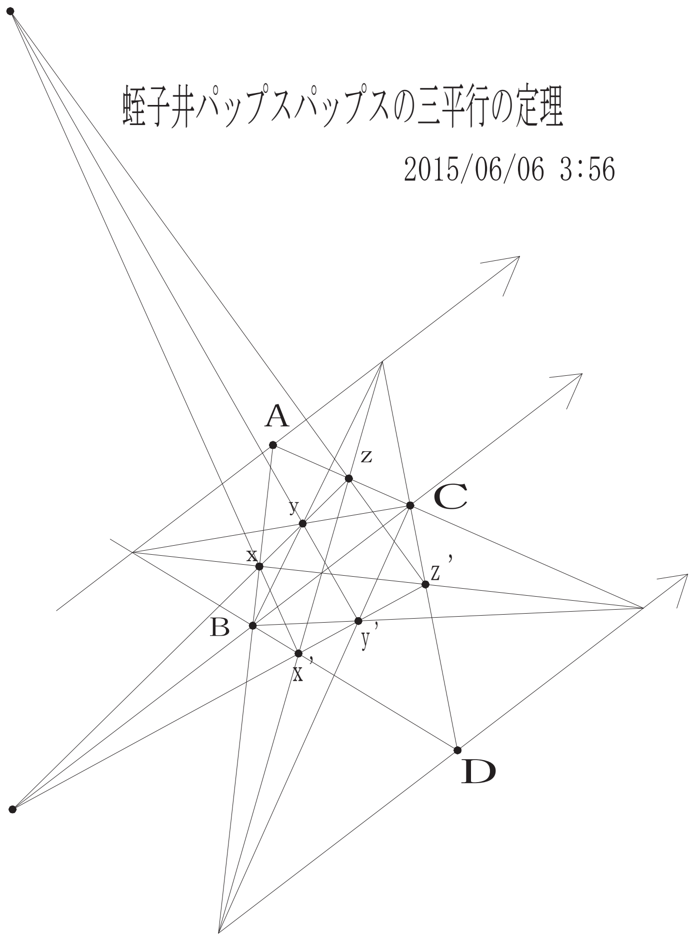
発展 2　蛭子井-Papus-Papus 定理



Ebisui-Papus-Papus Theorem

Hirotaka Ebisui
Oval Research Center

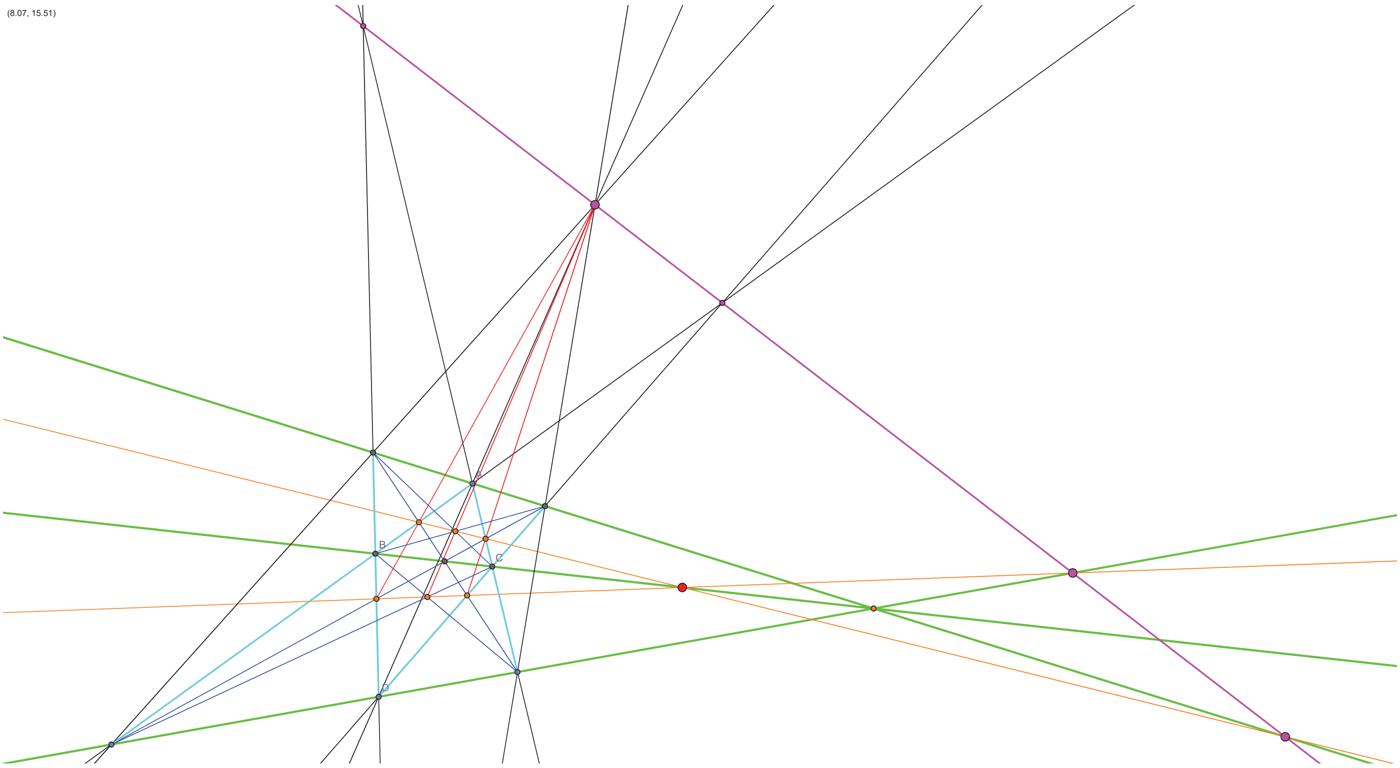
Abstract: Papus Theorem is very famous in Geometry History. About this theorem,We hit to The Two USE of Papus Theorems. And, We found Following Theorem. In This Theorem, First of all We fix 3 paralell Lines. and draw two papus structures like following figure. In this composition A, B, C, D are given on 3 Paralell lines and use these 4 points to construct papus Theorem then, line xx',yy',zz' are concurrent and xyz, x'y'z', BC are concurrent.
We call This as Ebisui-Papus-Papus Theorem.
We give the enjoy of proof to all. Thank you for your sharing of this theorem.



Reference Kentaro Yano "幾何の有名な定理"; Kyoritu,2005

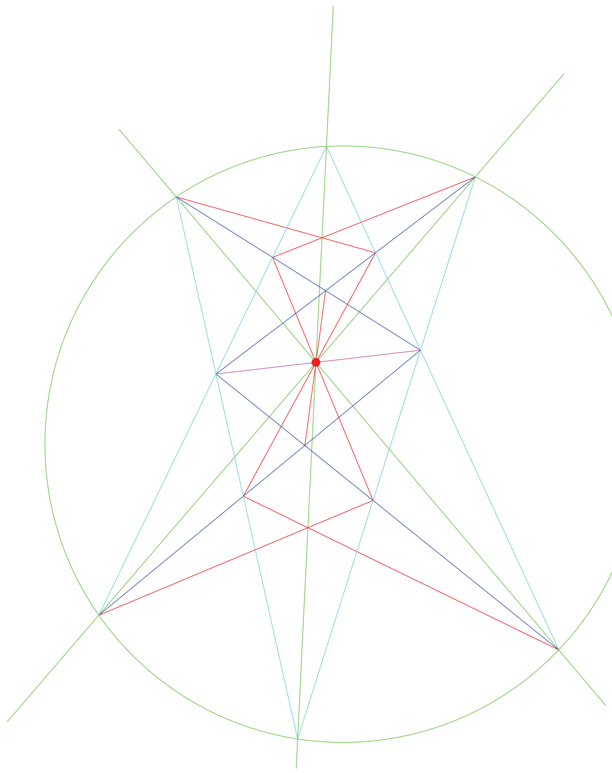
Ebisui-Papus-Papus Theorem

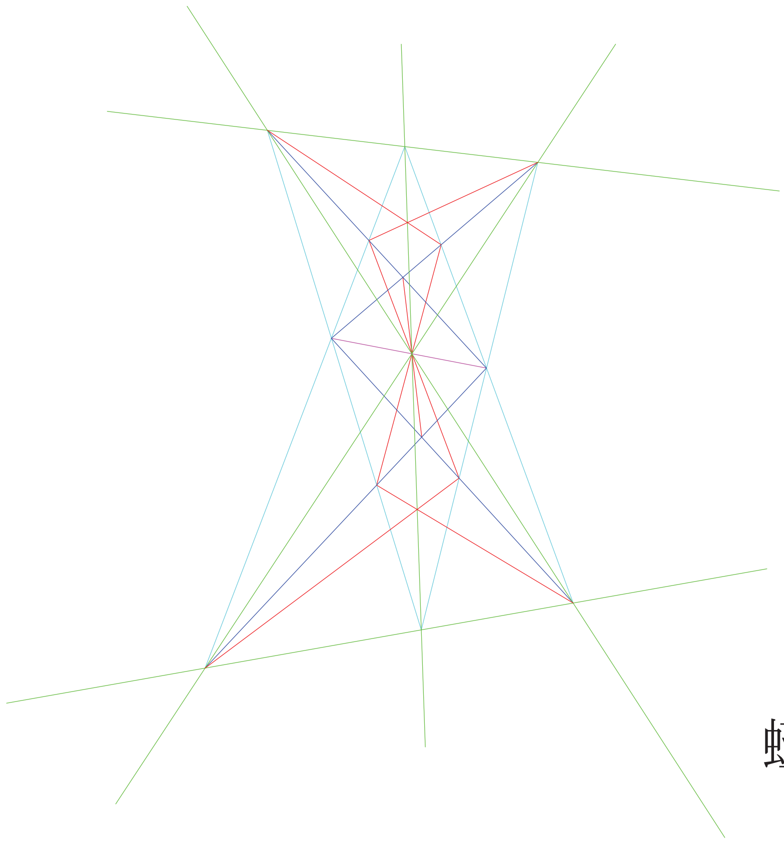
蛭子井博孝　　　http://geomatics85.org/ - 2015-8-25 - 縮尺（cm単位）: 2:1 (x), 2.82857:1 (y)



Ebisui Pasacal,Papus 共点3線の定理

2015-9-2

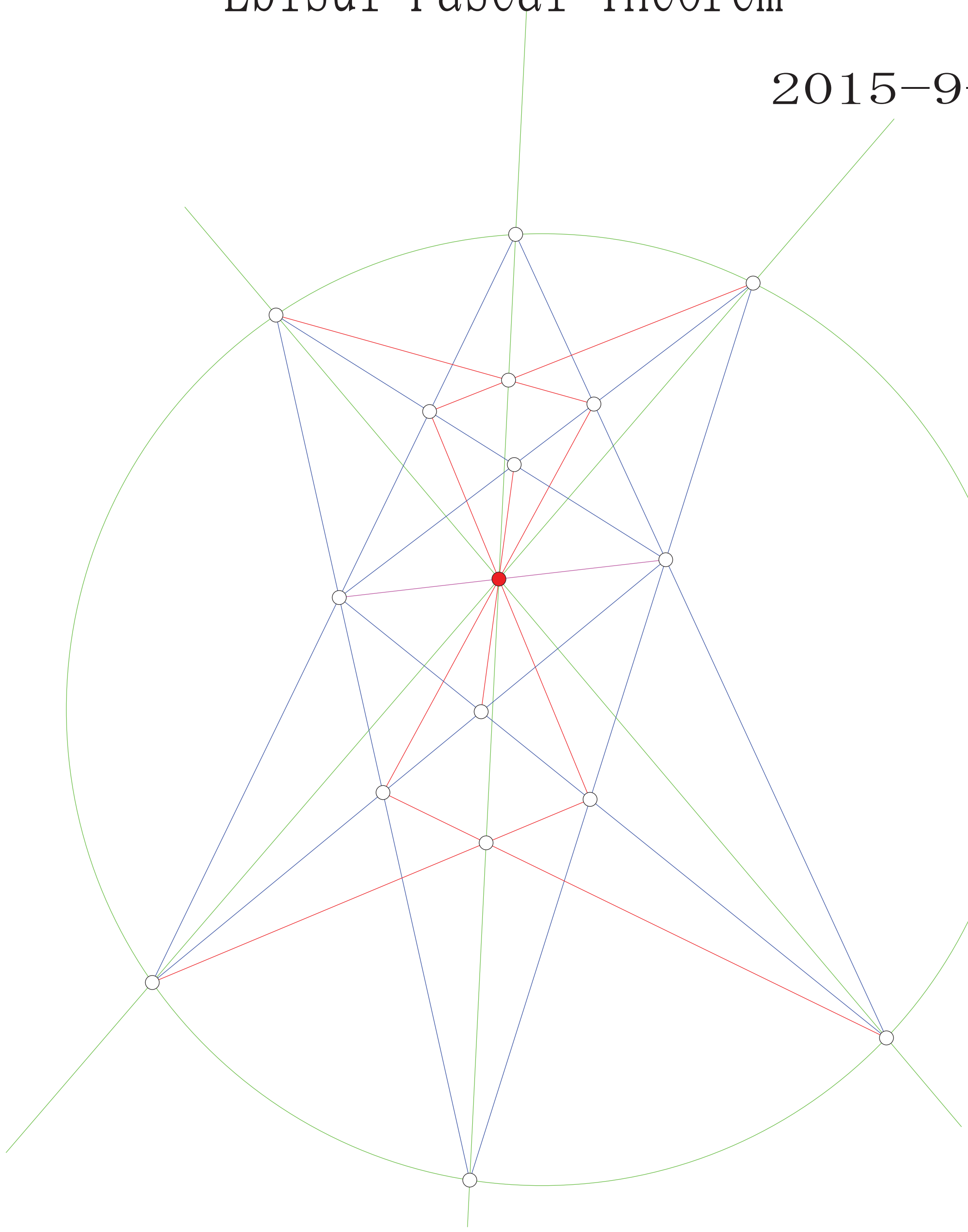




蛭子井博孝

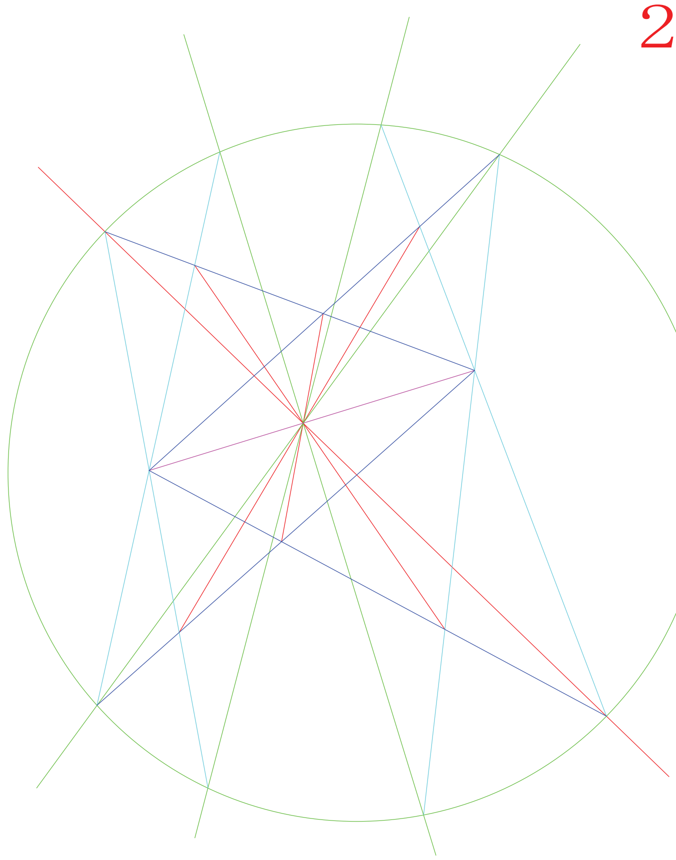
Ebisui-Pascal Theorem

2015-9-2

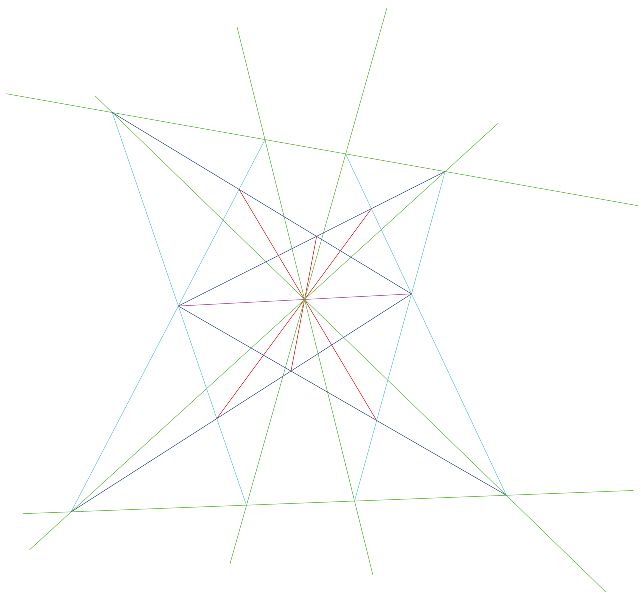


蛭子井博孝

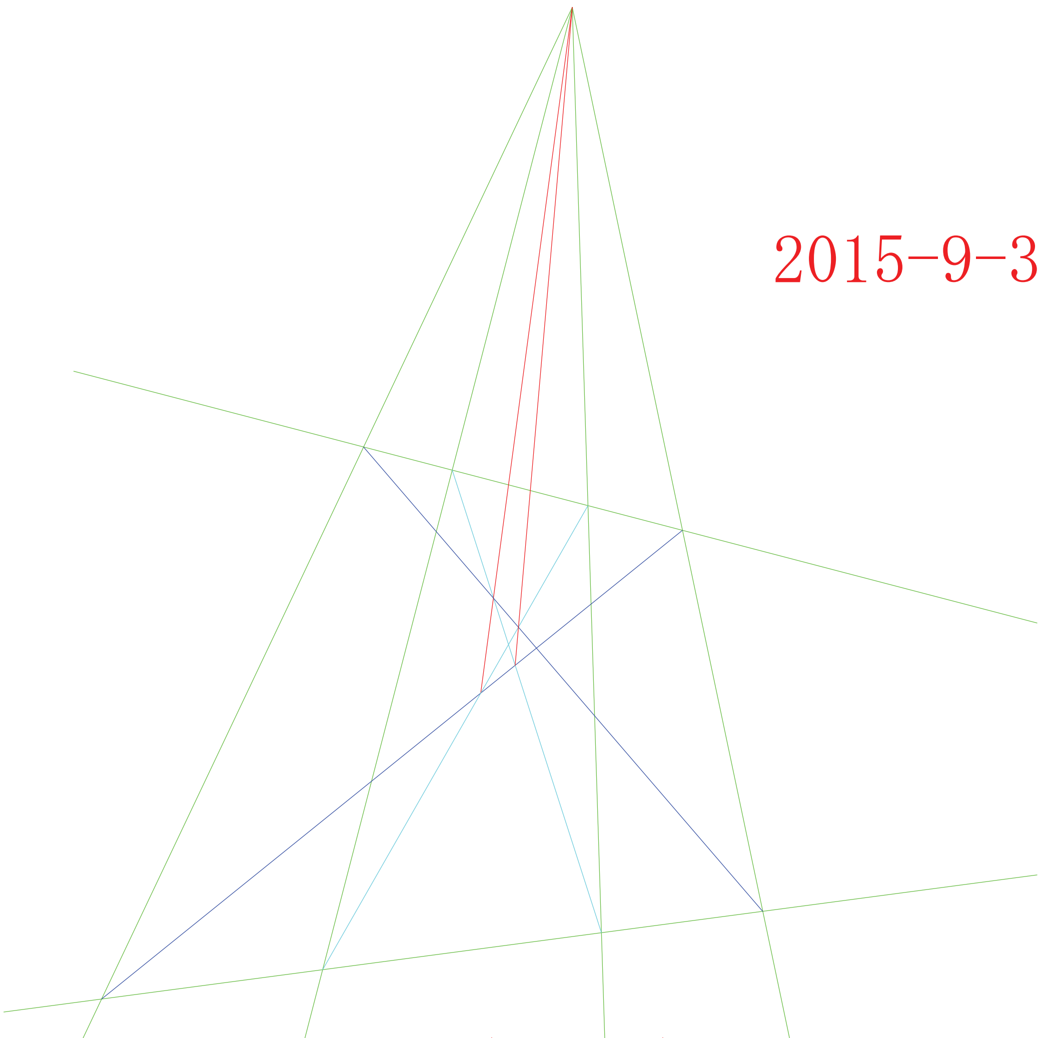
2015-9-3



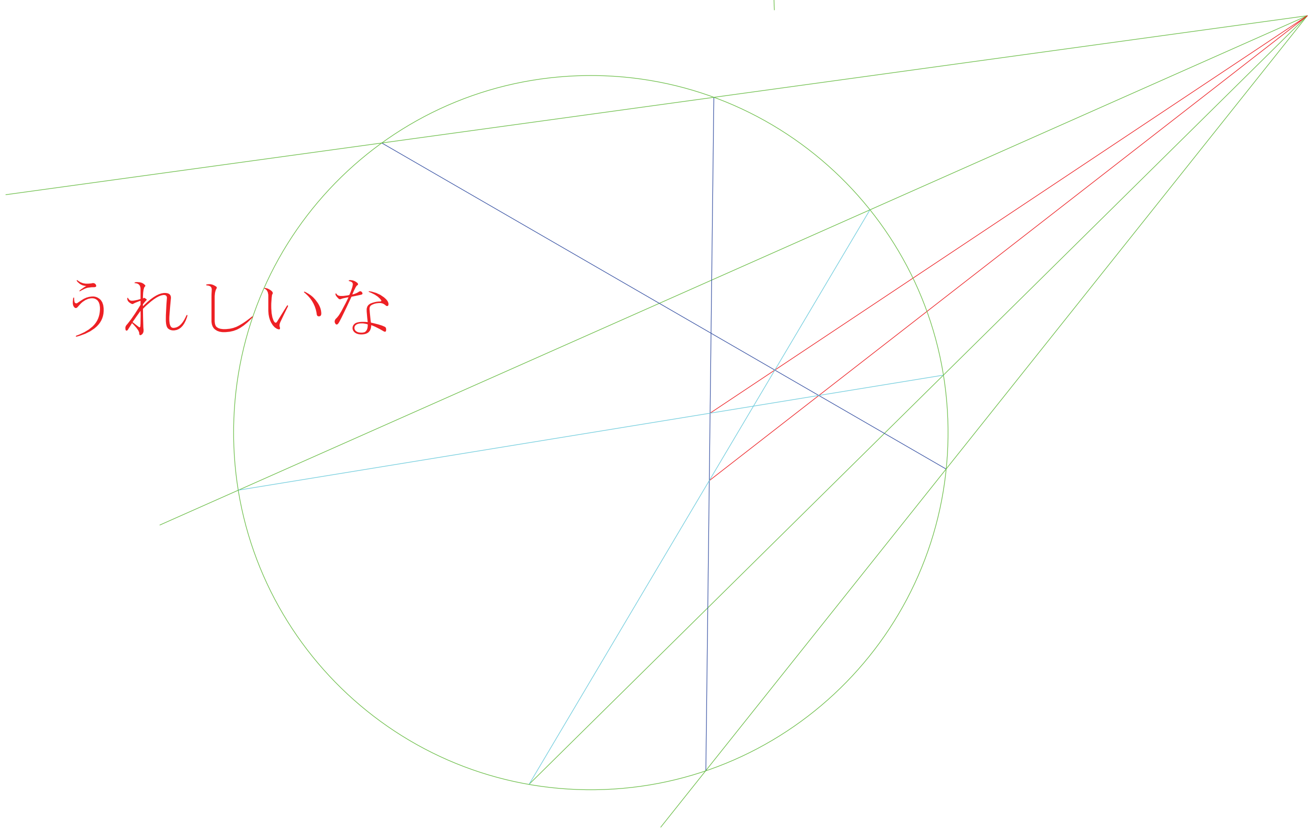
蛭子井　共点四線　共点定理



2015-9-3



エビちゃんの共点4線　共線共点定理

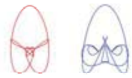


うれしいな

数の２進３進数を用いたグラフと方程式と解

２３ SGHK １００

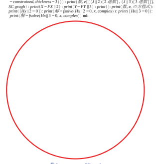
数３０　　数　1001



細子井博孝作

卵形線研究センター

http://geomatics85.org/



数, 2 $\left[{}^{10}{}_{2進数}, {}^{2}{}_{3進数}\right]$, SC gragh

$X = \sin(2x)$

$Y = 2\cos(x)$

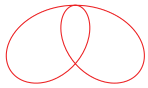
数, 2, の方程式

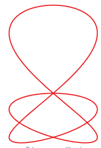
$[x = 0]$

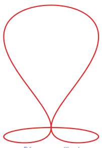
解 = 0.

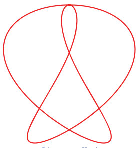
$[2 = 0]$

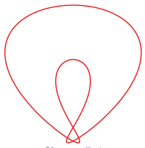
解 = ( )

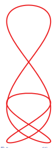


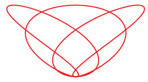


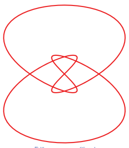


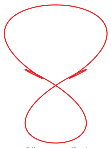


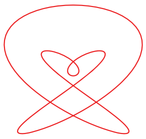


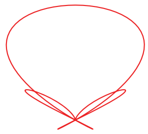


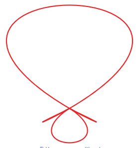


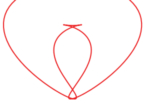


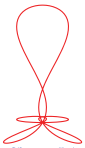


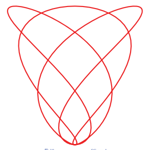


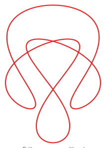


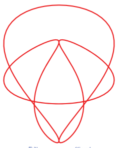


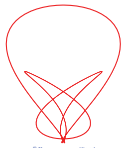


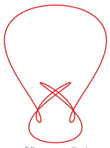


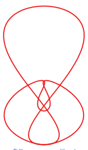


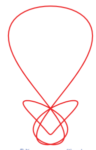


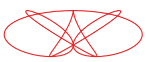


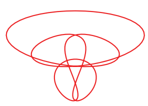


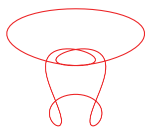


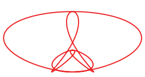


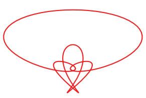


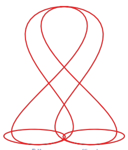


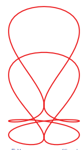


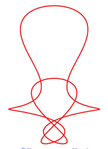






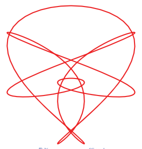






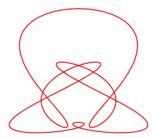
数, $35_{[100011_{2\,進数},\ 1022_{3\,進数}]}$, *SC gragh*

[illegible]



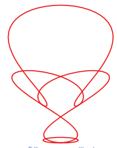
数, $36_{[100100_{2\,進数},\ 1100_{3\,進数}]}$, *SC gragh*

[illegible]



数, $37_{[100101_{2\,進数},\ 1101_{3\,進数}]}$, *SC gragh*

[illegible]



数, $38_{[100110_{2\,進数},\ 1102_{3\,進数}]}$, *SC gragh*

$X = \sin(2x) + \sin(3x) + \sin(6x)$

$Y = 2\cos(x) + \cos(3x) + \cos(4x)$

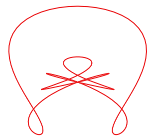
数, 38, の方程式

$[x + x^2 + x^5 = 0]$

解 = (−0.727136084491197 − 0.430014288329716 I, −0.727136084491197 + 0.430014288329716 I, 0., 0.727136084491197 − 0.934099289460529 I, 0.727136084491197 + 0.934099289460529 I)

$[2 + x^2 + x^3 = 0]$

解 = (−1.69562076955986, 0.347810384779931 − 1.02885225413669 I, 0.347810384779931 + 1.02885225413669 I)



数, $39_{[100111_{2\,進数},\ 1110_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(2x) + \sin(3x) + \sin(6x)$

$Y = \cos(2x) + \cos(3x) + \cos(4x)$

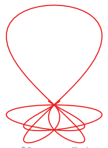
数, 39, の方程式

$[1 + x + x^2 + x^5 = 0]$

解 = (−1., −0.351807951824333 − 0.720341736418543 I, −0.351807951824333 + 0.720341736418543 I, 0.851807951824334 − 0.911292162004874 I, 0.851807951824334 + 0.911292162004874 I)

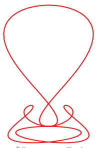
$[x + x^2 + x^3 = 0]$

解 = (−0.5000000000 − 0.8660254038 I, −0.5000000000 + 0.8660254038 I, 0.)



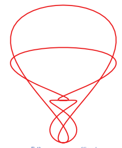
数, $40_{[101000_{2\,進数},\ 1111_{3\,進数}]}$, *SC gragh*

[illegible]



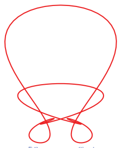
数, $41_{[101001_{2\,進数},\ 1112_{3\,進数}]}$, *SC gragh*

[illegible]



数, $42_{[101010_{2\,進数},\ 1120_{3\,進数}]}$, *SC gragh*

[illegible]



数, $43_{[101011_{2\,進数},\ 1121_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(2x) + \sin(4x) + \sin(6x)$

$Y = \cos(x) + 2\cos(2x) + \cos(3x) + \cos(4x)$

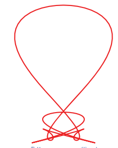
数, 43, の方程式

$[1 + x + x^3 + x^5 = 0]$

解 = (−0.636882916801845, −0.389287331403393 − 1.07067577489051 I, −0.389287331403393 + 1.07067577489051 I, 0.707728789804316 − 0.841954854032373 I, 0.707728789804316 + 0.841954854032373 I)

$[1 + 2x + x^2 + x^3 = 0]$

解 = (−0.569840290998053, −0.215079854500973 − 1.30714127868205 I, −0.215079854500973 + 1.30714127868205 I)



数, $44_{[101100_{2\,進数},\ 1122_{3\,進数}]}$, *SC gragh*

$X = \sin(3x) + \sin(4x) + \sin(6x)$

$Y = 2\cos(x) + 2\cos(2x) + \cos(3x) + \cos(4x)$

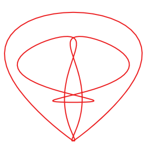
数, 44, の方程式

$[x^2 + x^3 + x^5 = 0]$

解 = (−0.682327803828019, 0., 0., 0.341163901914010 − 1.16154139999725 I, 0.341163901914010 + 1.16154139999725 I)

$[2 + 2x + x^2 + x^3 = 0]$

解 = (−1., −1.414213562 I, 1.414213562 I)



数, $45_{[101101_{2\,進数},\ 1200_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(3x) + \sin(4x) + \sin(6x)$

$Y = 2\cos(3x) + \cos(4x)$

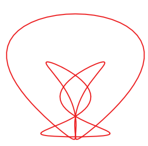
数, 45, の方程式

$[1 + x^2 + x^3 + x^5 = 0]$

解 = (−1.00000000000000, −1.000000000 I, 1.000000000 I, 0.500000000000002 − 0.866025403784437 I, 0.500000000000002 + 0.866025403784437 I)

$[2x^2 + x^3 = 0]$

解 = (−2., 0., 0.)



数, $46_{[101110_{2\,進数},\ 1201_{3\,進数}]}$, *SC gragh*

$X = \sin(2x) + \sin(3x) + \sin(4x) + \sin(6x)$

$Y = \cos(x) + 2\cos(3x) + \cos(4x)$

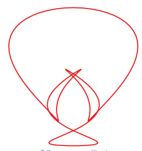
数, 46, の方程式

$[x + x^2 + x^3 + x^5 = 0]$

解 = (−0.547423794586059 − 0.585651979689573 I, −0.547423794586059 + 0.585651979689573 I, 0., 0.547423794586059 − 1.12087348993706 I, 0.547423794586059 + 1.12087348993706 I)

$[1 + 2x^2 + x^3 = 0]$

解 = (−2.20556943040059, 0.102784715200295 − 0.665456951152813 I, 0.102784715200295 + 0.665456951152813 I)



数, $47_{[101111_{2\,進数},\ 1202_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(2x) + \sin(3x) + \sin(4x) + \sin(6x)$

$Y = 2\cos(x) + 2\cos(3x) + \cos(4x)$

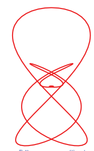
数, 47, の方程式

$[1 + x + x^2 + x^3 + x^5 = 0]$

解 = (−0.800094994405459, −0.262246923745903 − 0.873156676742919 I, −0.262246923745903 + 0.873156676742919 I, 0.662294420948633 − 1.03202750299082 I, 0.662294420948633 + 1.03202750299082 I)

$[2 + 2x^2 + x^3 = 0]$

解 = (−2.35930408597178, 0.179652042985888 − 0.903013145857004 I, 0.179652042985888 + 0.903013145857004 I)



数, $48_{[110000_{2\,進数},\ 1210_{3\,進数}]}$, *SC gragh*

$X = \sin(5x) + \sin(6x)$

$Y = \cos(2x) + 2\cos(3x) + \cos(4x)$

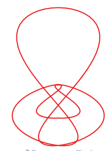
数, 48, の方程式

$[x^4 + x^5 = 0]$

解 = (−1., 0., 0., 0., 0.)

$[x + 2x^2 + x^3 = 0]$

解 = (−1., −1., 0.)



数, $49_{[110001_{2\,進数},\ 1211_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(5x) + \sin(6x)$

$Y = \cos(x) + \cos(2x) + 2\cos(3x) + \cos(4x)$

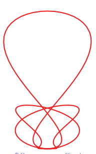
数, 49, の方程式

$[1 + x^4 + x^5 = 0]$

解 = (−1.32471795724475, −0.500000000000000 − 0.866025403784439 I, −0.500000000000000 + 0.866025403784439 I, 0.662358978622373 − 0.562279512062301 I, 0.662358978622373 + 0.562279512062301 I)

$[1 + x + 2x^2 + x^3 = 0]$

解 = (−1.75487766624669, −0.122561166876654 − 0.744861766619744 I, −0.122561166876654 + 0.744861766619744 I)



数, $50_{[110010_{2\,進数},\ 1212_{3\,進数}]}$, *SC gragh*

$X = \sin(2x) + \sin(5x) + \sin(6x)$

$Y = 2\cos(x) + \cos(2x) + 2\cos(3x) + \cos(4x)$

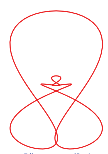
数, 50, の方程式

$[x + x^4 + x^5 = 0]$

解 = (−1.01891279438516 − 0.602565419998599 I, −1.01891279438516 + 0.602565419998599 I, 0., 0.518912794385156 − 0.666609844932019 I, 0.518912794385156 + 0.666609844932019 I)

$[2 + x + 2x^2 + x^3 = 0]$

解 = (−2., −1.000000000 I, 1.000000000 I)



数, $51_{[110011_{2\,進数},\ 1220_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(2x) + \sin(5x) + \sin(6x)$

$Y = 2\cos(2x) + 2\cos(3x) + \cos(4x)$

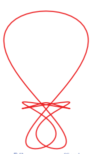
数, 51, の方程式

$[1 + x + x^4 + x^5 = 0]$

解 = (−1., −0.707106781186547 − 0.707106781186548 I, −0.707106781186547 + 0.707106781186548 I, 0.707106781186547 − 0.707106781186547 I, 0.707106781186547 + 0.707106781186547 I)

$[2x + 2x^2 + x^3 = 0]$

解 = (−1.000000000 − 1.000000000 I, −1. + 1. I, 0.)



数, $52_{[110100_{2\,進数},\ 1221_{3\,進数}]}$, *SC gragh*

$X = \sin(3x) + \sin(5x) + \sin(6x)$

$Y = \cos(x) + 2\cos(2x) + 2\cos(3x) + \cos(4x)$

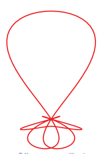
数, 52, の方程式

$[x^2 + x^4 + x^5 = 0]$

解 = (−1.46557123187677, 0., 0., 0.232785615938384 − 0.792551992515448 I, 0.232785615938384 + 0.792551992515448 I)

$[1 + 2x + 2x^2 + x^3 = 0]$

解 = (−1., −0.500000000000000 − 0.866025403784439 I, −0.500000000000000 + 0.866025403784439 I)



数, $53_{[110101_{2\,進数},\ 1222_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(3x) + \sin(5x) + \sin(6x)$

$Y = 2\cos(x) + 2\cos(2x) + 2\cos(3x) + \cos(4x)$

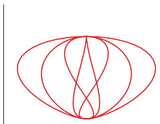
数, 53, の方程式

$[1 + x^2 + x^4 + x^5 = 0]$

解 = (−1.57014731219606, −0.299938329967387 − 0.824934895002857 I, −0.299938329967387 + 0.824934895002857 I, 0.585011986065415 − 0.695963889601105 I, 0.585011986065415 + 0.695963889601105 I)

$[2 + 2x + 2x^2 + x^3 = 0]$

解 = (−1.54368901269208, −0.228155493653962 − 1.11514250803994 I, −0.228155493653962 + 1.11514250803994 I)



数, $54_{[110110_{2\,進数},\ 2000_{3\,進数}]}$, *SC gragh*

$X = \sin(2x) + \sin(3x) + \sin(5x) + \sin(6x)$

$Y = 2\cos(4x)$

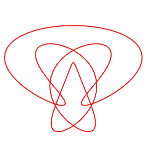
数, 54, の方程式

$[x + x^2 + x^4 + x^5 = 0]$

解 = (−1., −1., 0., 0.5000000000 − 0.8660254038 I, 0.5000000000 + 0.8660254038 I)

$[2x^3 = 0]$

解 = (0., 0., 0.)



数, $55_{[110111_{2\,進数},\ 2001_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(2x) + \sin(3x) + \sin(5x) + \sin(6x)$

$Y = \cos(x) + 2\cos(4x)$

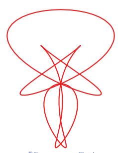
数, 55, の方程式

$[1 + x + x^2 + x^4 + x^5 = 0]$

解 = (−1.40360212487422, −0.454979849212614 − 0.649504393093861 I, −0.454979849212614 + 0.649504393093861 I, 0.656780911649722 − 0.837592582897232 I, 0.656780911649722 + 0.837592582897232 I)

$[1 + 2x^3 = 0]$

解 = (−0.793700525984100, 0.396850262992050 − 0.687364818499301 I, 0.396850262992050 + 0.687364818499301 I)



数, $56_{[111000_{2\,進数},\ 2002_{3\,進数}]}$, *SC gragh*

$X = \sin(4x) + \sin(5x) + \sin(6x)$

$Y = 2\cos(x) + 2\cos(4x)$

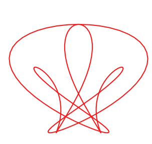
数, 56, の方程式

$[x^3 + x^4 + x^5 = 0]$

解 = (−0.5000000000 − 0.8660254038 I, −0.5000000000 + 0.8660254038 I, 0., 0., 0.)

$[2 + 2x^3 = 0]$

解 = (−1., 0.500000000000000 − 0.866025403784439 I, 0.500000000000000 + 0.866025403784439 I)



数, $57_{[111001_{2\,進数},\ 2010_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(4x) + \sin(5x) + \sin(6x)$

$Y = \cos(2x) + 2\cos(4x)$

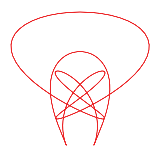
数, 57, の方程式

$[1 + x^3 + x^4 + x^5 = 0]$

解 = (−1., −0.547423794586059 − 1.12087348993706 I, −0.547423794586059 + 1.12087348993706 I, 0.547423794586059 − 0.585651979689573 I, 0.547423794586059 + 0.585651979689573 I)

$[x + 2x^3 = 0]$

解 = (−0.7071067812 I, 0., 0.7071067812 I)



数, $58_{[111010_{2\,進数},\ 2011_{3\,進数}]}$, *SC gragh*

$X = \sin(2x) + \sin(4x) + \sin(5x) + \sin(6x)$

$Y = \cos(x) + \cos(2x) + 2\cos(4x)$

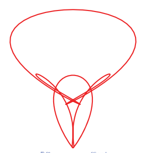
数, 58, の方程式

$[x + x^3 + x^4 + x^5 = 0]$

解 = (−0.851807951824334 − 0.911292162004873 I, −0.851807951824334 + 0.911292162004873 I, 0., 0.351807951824333 − 0.720341736418543 I, 0.351807951824333 + 0.720341736418543 I)

$[1 + x + 2x^3 = 0]$

解 = (−0.589754512301458, 0.294877256150729 − 0.872271625461329 I, 0.294877256150729 + 0.872271625461329 I)



数, $59_{[111011_{2\,進数},\ 2012_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(2x) + \sin(4x) + \sin(5x) + \sin(6x)$

$Y = 2\cos(x) + \cos(2x) + 2\cos(4x)$

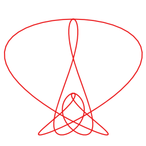
数, 59, の方程式

$[1 + x + x^3 + x^4 + x^5 = 0]$

解 = (−0.723496412189352 − 1.03282397872755 I, −0.723496412189352 + 1.03282397872755 I, −0.712452611946291, 0.579722718162498 − 0.739320282086545 I, 0.579722718162498 + 0.739320282086545 I)

$[2 + x + 2x^3 = 0]$

解 = (−0.835122348481366, 0.417561174240683 − 1.01147021839487 I, 0.417561174240683 + 1.01147021839487 I)



数, $60_{[111100_{2\,進数},\ 2020_{3\,進数}]}$, *SC gragh*

$X = \sin(3x) + \sin(4x) + \sin(5x) + \sin(6x)$

$Y = 2\cos(2x) + 2\cos(4x)$

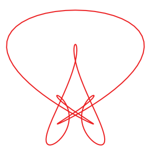
数, 60, の方程式

$[x^2 + x^3 + x^4 + x^5 = 0]$

解 = (−1., −1.000000000 I, 0., 0., 1.000000000 I)

$[2x + 2x^3 = 0]$

解 = (−1.000000000 I, 0., 1. I)



数, $61_{[111101_{2\,進数},\ 2021_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(3x) + \sin(4x) + \sin(5x) + \sin(6x)$

$Y = \cos(x) + 2\cos(2x) + 2\cos(4x)$

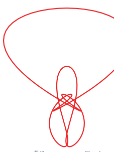
数, 61, の方程式

$[1 + x^2 + x^3 + x^4 + x^5 = 0]$

解 = (−1.24985158886425, −0.315513097004865 − 1.05050752670245 I, −0.315513097004865 + 1.05050752670245 I, 0.440438891436992 − 0.686318705053714 I, 0.440438891436992 + 0.686318705053714 I)

$[1 + 2x + 2x^3 = 0]$

解 = (−0.423853799069783, 0.211926899534892 − 1.06524130235333 I, 0.211926899534892 + 1.06524130235333 I)



数, $62_{[111110_{2\,進数},\ 2022_{3\,進数}]}$, *SC gragh*

$X = \sin(2x) + \sin(3x) + \sin(4x) + \sin(5x) + \sin(6x)$

$Y = 2\cos(x) + 2\cos(2x) + 2\cos(4x)$

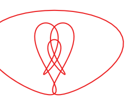
数, 62, の方程式

$[x + x^2 + x^3 + x^4 + x^5 = 0]$

解 = (−0.809016994374947 − 0.587785252292473 I, −0.809016994374947 + 0.587785252292473 I, 0., 0.309016994374947 − 0.951056516295154 I, 0.309016994374947 + 0.951056516295154 I)

$[2 + 2x + 2x^3 = 0]$

解 = (−0.682327803828019, 0.341163901914010 − 1.16154139999725 I, 0.341163901914010 + 1.16154139999725 I)



数, $63_{[111111_{2\,進数},\ 2100_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(2x) + \sin(3x) + \sin(4x) + \sin(5x) + \sin(6x)$

$Y = \cos(3x) + 2\cos(4x)$

数, 63, の方程式

$[1 + x + x^2 + x^3 + x^4 + x^5 = 0]$

解 = (−1., −0.500000000000000 − 0.866025403784439 I, −0.500000000000000 + 0.866025403784439 I, 0.500000000000000 − 0.866025403784439 I, 0.500000000000000 + 0.866025403784439 I)

$[x^2 + 2x^3 = 0]$

解 = (−0.5000000000, 0., 0.)

数, $64_{[1000000_{2\,進数},\ 2101_{3\,進数}]}$, *SC gragh*

$X = \sin(7x)$

$Y = \cos(x) + \cos(3x) + 2\cos(4x)$

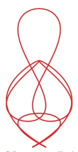
数, 64, の方程式

$[x^6 = 0]$

解 = (0., 0., 0., 0., 0., 0.)

$[1 + x^2 + 2x^3 = 0]$

解 = (−1., 0.250000000000000 − 0.661437827766148 I, 0.250000000000000 + 0.661437827766148 I)



数, $65_{[1000001_{2\,進数},\ 2102_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(7x)$

$Y = 2\cos(x) + \cos(3x) + 2\cos(4x)$

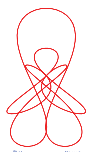
数, 65, の方程式

$[1 + x^6 = 0]$

解 = (−0.866025403784439 − 0.500000000000000 I, −0.866025403784439 + 0.500000000000000 I, −1.000000000 I, 1.000000000 I, 0.866025403784439 − 0.500000000000000 I, 0.866025403784439 + 0.500000000000000 I)

$[2x^3 + x^2 + 2 = 0]$

解 = (−1.19742933693303, 0.348714668466516 − 0.844701384204888 I, 0.348714668466516 + 0.844701384204888 I)



数, $66_{[1000010_{2\,進数},\ 2110_{3\,進数}]}$, *SC gragh*

$X = \sin(2x) + \sin(7x)$

$Y = \cos(2x) + \cos(3x) + 2\cos(4x)$

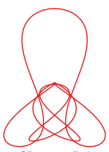
数, 66, の方程式

$[x + x^6 = 0]$

解 = (−1.00000000000000, −0.309016994374948 − 0.951056516295154 I, −0.309016994374948 + 0.951056516295154 I, 0., 0.809016994374948 − 0.587785252292473 I, 0.809016994374948 + 0.587785252292473 I)

$[x + x^2 + 2x^3 = 0]$

解 = (−0.2500000000 − 0.6614378278 I, −0.2500000000 + 0.6614378278 I, 0.)



数, $67_{[1000011_{2\,進数},\ 2111_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(2x) + \sin(7x)$

$Y = \cos(x) + \cos(2x) + \cos(3x) + 2\cos(4x)$

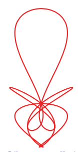
数, 67, の方程式

$[1 + x + x^6 = 0]$

解 = (−0.790667188814418 − 0.300506920309552 I, −0.790667188814418 + 0.300506920309552 I, −0.154735144496843 − 1.03838075445846 I, −0.154735144496843 + 1.03838075445846 I, 0.945402333311261 − 0.611836693781009 I, 0.945402333311261 + 0.611836693781009 I)

$[1 + x + x^2 + 2x^3 = 0]$

解 = (−0.738983621504506, 0.119491810752253 − 0.813834558901752 I, 0.119491810752253 + 0.813834558901752 I)



数, $68_{[1000100_{2\,進数},\ 2112_{3\,進数}]}$, *SC gragh*

$X = \sin(3x) + \sin(7x)$

$Y = 2\cos(x) + \cos(2x) + \cos(3x) + 2\cos(4x)$

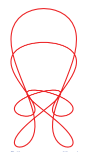
数, 68, の方程式

$[x^2 + x^6 = 0]$

解 = (−0.707106781186547 − 0.707106781186548 I, −0.707106781186547 + 0.707106781186548 I, 0., 0., 0.707106781186547 − 0.707106781186547 I, 0.707106781186547 + 0.707106781186547 I)

$[2 + x + x^2 + 2x^3 = 0]$

解 = (−1., 0.250000000000000 − 0.968245836551854 I, 0.250000000000000 + 0.968245836551854 I)



数, $69_{[1000101_{2\,進数},\ 2120_{3\,進数}]}$, *SC gragh*

$X = \sin(x) + \sin(3x) + \sin(7x)$

$Y = 2\cos(2x) + \cos(3x) + 2\cos(4x)$

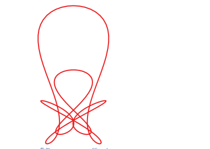
数, 69, の方程式

$[1 + x^2 + x^6 = 0]$

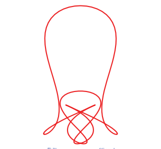
解 = (−0.880843827338336 − 0.659334472211212 I, −0.880843827338336 + 0.659334472211212 I, −0.826031357654187 I, 0.826031357654187 I, 0.880843827338336 − 0.659334472211213 I, 0.880843827338336 + 0.659334472211213 I)

$[2x + x^2 + 2x^3 = 0]$

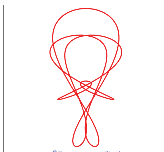
解 = (−0.2500000000 − 0.9682458366 I, −0.2500000000 + 0.9682458366 I, 0.)



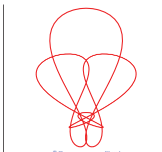
数, 70, SC gragh



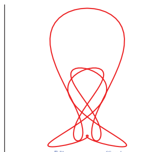
数, 71, SC gragh



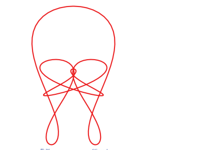
数, 72, SC gragh



数, 73, SC gragh

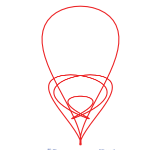


数, 74, SC gragh



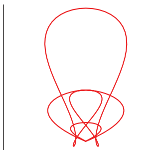
数, 75 [1001011 2進数, 2210 3進数], SC gragh
$X = \sin(x) + \sin(2x) + \sin(4x) + \sin(7x)$
$Y = \cos(2x) + 2\cos(3x) + 2\cos(4x)$

数, 75, の方程式
$[1 + x + x^3 + x^6 = 0]$
解 = (−1., −0.754877666246693, −1.000000000 I, 1.000000000 I, 0.877438833123347 − 0.744861766619744 I, 0.877438833123347 + 0.744861766619744 I)
$[x + 2x^2 + 2x^3 = 0]$
解 = (−0.5000000000 − 0.5000000000 I, −0.5000000000 + 0.5000000000 I, 0.)



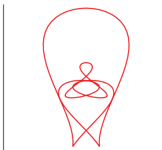
数, 76 [1001100 2進数, 2211 3進数], SC gragh
$X = \sin(3x) + \sin(4x) + \sin(7x)$
$Y = \cos(x) + \cos(2x) + 2\cos(3x) + 2\cos(4x)$

数, 76, の方程式
$[x^2 + x^3 + x^6 = 0]$
解 = (−0.727136084491197 − 0.430014288329716 I, −0.727136084491197 + 0.430014288329716 I, 0., 0., 0.727136084491197 − 0.934099289460529 I, 0.727136084491197 + 0.934099289460529 I)
$[1 + x + 2x^2 + 2x^3 = 0]$
解 = (−1., −0.7071067812 I, 0.7071067812 I)



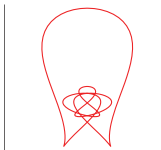
数, 77 [1001101 2進数, 2212 3進数], SC gragh
$X = \sin(x) + \sin(3x) + \sin(4x) + \sin(7x)$
$Y = 2\cos(x) + \cos(2x) + 2\cos(3x) + 2\cos(4x)$

数, 77, の方程式
$[1 + x^2 + x^3 + x^6 = 0]$
解 = (−0.947265341807757 − 0.510134543568200 I, −0.947265341807757 + 0.510134543568200 I, 0.138222623557650 − 0.791126475060132 I, 0.138222623557650 + 0.791126475060132 I, 0.809042718250107 − 0.827555973529431 I, 0.809042718250107 + 0.827555973529431 I)
$[2 + x + 2x^2 + 2x^3 = 0]$
解 = (−1.24415111594952, 0.122075557974758 − 0.888177032755330 I, 0.122075557974758 + 0.888177032755330 I)



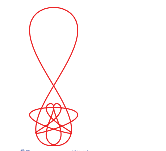
数, 78 [1001110 2進数, 2220 3進数], SC gragh
$X = \sin(2x) + \sin(3x) + \sin(4x) + \sin(7x)$
$Y = 2\cos(2x) + 2\cos(3x) + 2\cos(4x)$

数, 78, の方程式
$[x + x^2 + x^3 + x^6 = 0]$
解 = (−1., −0.351807951824333 − 0.720341736418543 I, −0.351807951824333 + 0.720341736418543 I, 0., 0.851807951824334 − 0.911292162004874 I, 0.851807951824334 + 0.911292162004874 I)
$[2x + 2x^2 + 2x^3 = 0]$
解 = (−0.5000000000 − 0.8660254038 I, −0.5000000000 + 0.8660254038 I, 0.)



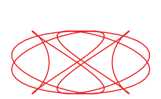
数, 79 [1001111 2進数, 2221 3進数], SC gragh
$X = \sin(x) + \sin(2x) + \sin(3x) + \sin(4x) + \sin(7x)$
$Y = \cos(x) + 2\cos(2x) + 2\cos(3x) + 2\cos(4x)$

数, 79, の方程式
$[1 + x + x^2 + x^3 + x^6 = 0]$
解 = (−0.862551646959937 − 0.348064586149511 I, −0.862551646959937 + 0.348064586149511 I, −0.0570696742412950 − 0.848842543822402 I, −0.0570696742412950 + 0.848842543822402 I, 0.919621321201232 − 0.866760085297476 I, 0.919621321201232 + 0.866760085297476 I)
$[1 + 2x + 2x^2 + 2x^3 = 0]$
解 = (−0.647798871261042, −0.176100564369479 − 0.860716618623568 I, −0.176100564369479 + 0.860716618623568 I)



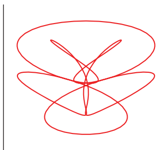
数, 80 [1010000 2進数, 2222 3進数], SC gragh
$X = \sin(5x) + \sin(7x)$
$Y = 2\cos(x) + 2\cos(2x) + 2\cos(3x) + 2\cos(4x)$

数, 80, の方程式
$[x^4 + x^6 = 0]$
解 = (−1.000000000 I, 0., 0., 0., 0., 1. I)
$[2 + 2x + 2x^2 + 2x^3 = 0]$
解 = (−1., −1.000000000 I, 1.000000000 I)



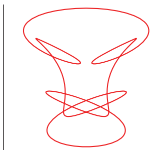
数, 81 [1010001 2進数, 10000 3進数], SC gragh
$X = \sin(x) + \sin(5x) + \sin(7x)$
$Y = \cos(5x)$

数, 81, の方程式
$[1 + x^4 + x^6 = 0]$
解 = (−0.727604622577596 − 0.544630949228835 I, −0.727604622577596 + 0.544630949228835 I, −1.21060779440609 I, 1.21060779440609 I, 0.727604622577596 − 0.544630949228835 I, 0.727604622577596 + 0.544630949228835 I)
$[x^4 = 0]$
解 = (0., 0., 0., 0.)



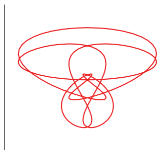
数, 82 [1010010 2進数, 10001 3進数], SC gragh
$X = \sin(2x) + \sin(5x) + \sin(7x)$
$Y = \cos(x) + \cos(5x)$

数, 82, の方程式
$[x + x^4 + x^6 = 0]$
解 = (−0.837619774826962, −0.217853219392291 − 1.16695124566485 I, −0.217853219392291 + 1.16695124566485 I, 0., 0.636663106805773 − 0.664701565064356 I, 0.636663106805773 + 0.664701565064356 I)
$[1 + x^4 = 0]$
解 = (−0.707106781186547 − 0.707106781186548 I, −0.707106781186547 + 0.707106781186548 I, 0.707106781186547 − 0.707106781186547 I, 0.707106781186547 + 0.707106781186547 I)



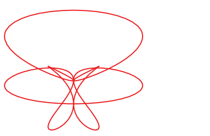
数, 83 [1010011 2進数, 10002 3進数], SC gragh
$X = \sin(x) + \sin(2x) + \sin(5x) + \sin(7x)$
$Y = 2\cos(x) + \cos(5x)$

数, 83, の方程式
$[1 + x + x^4 + x^6 = 0]$
解 = (−0.675469963346844 − 0.359204337183779 I, −0.675469963346844 + 0.359204337183779 I, −0.129427628332474 − 1.24391656235336 I, −0.129427628332474 + 1.24391656235336 I, 0.804897591679318 − 0.666719690351271 I, 0.804897591679318 + 0.666719690351271 I)
$[2 + x^4 = 0]$
解 = (−0.840896415253715 − 0.840896415253715 I, −0.840896415253715 + 0.840896415253715 I, 0.840896415253715 − 0.840896415253715 I, 0.840896415253715 + 0.840896415253715 I)



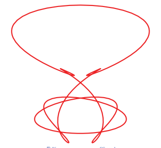
数, 84 [1010100 2進数, 10010 3進数], SC gragh
$X = \sin(3x) + \sin(5x) + \sin(7x)$
$Y = \cos(2x) + \cos(5x)$

数, 84, の方程式
$[x^2 + x^4 + x^6 = 0]$
解 = (−0.500000000000000 − 0.866025403784439 I, −0.500000000000000 + 0.866025403784439 I, 0., 0., 0.500000000000000 − 0.866025403784439 I, 0.500000000000000 + 0.866025403784439 I)
$[x + x^4 = 0]$
解 = (−1., 0., 0.500000000000000 − 0.866025403784439 I, 0.500000000000000 + 0.866025403784439 I)



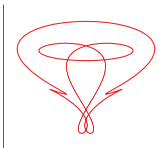
数, 85 [1010101 2進数, 10011 3進数], SC gragh
$X = \sin(x) + \sin(3x) + \sin(5x) + \sin(7x)$
$Y = \cos(x) + \cos(2x) + \cos(5x)$

数, 85, の方程式
$[1 + x^2 + x^4 + x^6 = 0]$
解 = (−0.707106781186547 − 0.707106781186548 I, −0.707106781186547 + 0.707106781186548 I, −1. I, 1. I, 0.707106781186547 − 0.707106781186547 I, 0.707106781186547 + 0.707106781186547 I)
$[1 + x + x^4 = 0]$
解 = (−0.727136084491197 − 0.430014288329716 I, −0.727136084491197 + 0.430014288329716 I, 0.727136084491197 − 0.934099289460529 I, 0.727136084491197 + 0.934099289460529 I)



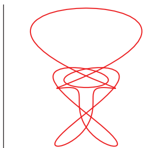
数, 86 [1010110 2進数, 10012 3進数], SC gragh
$X = \sin(2x) + \sin(3x) + \sin(5x) + \sin(7x)$
$Y = 2\cos(x) + \cos(2x) + \cos(5x)$

数, 86, の方程式
$[x + x^2 + x^4 + x^6 = 0]$
解 = (−0.636882916801845, −0.389287331403393 − 1.07067577489051 I, −0.389287331403393 + 1.07067577489051 I, 0., 0.707728789804316 − 0.841954854032373 I, 0.707728789804316 + 0.841954854032373 I)
$[2 + x + x^4 = 0]$
解 = (−0.849848427793055 − 0.654272303157500 I, −0.849848427793055 + 0.654272303157500 I, 0.849848427793055 − 1.00817282931332 I, 0.849848427793055 + 1.00817282931332 I)



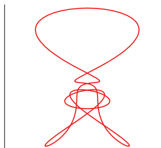
数, 87 [1010111 2進数, 10020 3進数], SC gragh
$X = \sin(x) + \sin(2x) + \sin(3x) + \sin(5x) + \sin(7x)$
$Y = 2\cos(2x) + \cos(5x)$

数, 87, の方程式
$[1 + x + x^2 + x^4 + x^6 = 0]$
解 = (−0.603289161321156 − 0.517827689258284 I, −0.603289161321156 + 0.517827689258284 I, −0.212412183564214 − 1.08355673157148 I, −0.212412183564214 + 1.08355673157148 I, 0.815701344885370 − 0.795113026962500 I, 0.815701344885370 + 0.795113026962500 I)
$[2x + x^4 = 0]$
解 = (−1.25992104989487, 0., 0.629960524947437 − 1.09112363597172 I, 0.629960524947437 + 1.09112363597172 I)



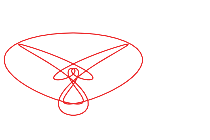
数, 88 [1011000 2進数, 10021 3進数], SC gragh
$X = \sin(4x) + \sin(5x) + \sin(7x)$
$Y = \cos(x) + 2\cos(2x) + \cos(5x)$

数, 88, の方程式
$[x^3 + x^4 + x^6 = 0]$
解 = (−0.682327803828019, 0., 0., 0., 0.341163901914010 − 1.16154139999725 I, 0.341163901914010 + 1.16154139999725 I)
$[1 + 2x + x^4 = 0]$
解 = (−1., −0.543689012692076, 0.771844506346038 − 1.11514250803994 I, 0.771844506346038 + 1.11514250803994 I)



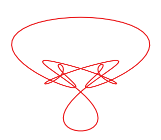
数, 89 [1011001 2進数, 10022 3進数], SC gragh
$X = \sin(x) + \sin(4x) + \sin(5x) + \sin(7x)$
$Y = 2\cos(x) + 2\cos(2x) + \cos(5x)$

数, 89, の方程式
$[1 + x^3 + x^4 + x^6 = 0]$
解 = (−0.818337227829474 − 0.440702377442599 I, −0.818337227829474 + 0.440702377442599 I, 0.214303095620909 − 1.22657816983434 I, 0.214303095620909 + 1.22657816983434 I, 0.604034132208565 − 0.617856193559280 I, 0.604034132208565 + 0.617856193559280 I)
$[2 + 2x + x^4 = 0]$
解 = (−0.873409159805849 − 0.436318897897142 I, −0.873409159805849 + 0.436318897897142 I, 0.873409159805849 − 1.15555741536427 I, 0.873409159805849 + 1.15555741536427 I)



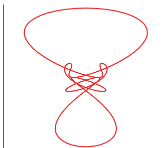
数, 90 [1011010 2進数, 10100 3進数], SC gragh
$X = \sin(2x) + \sin(4x) + \sin(5x) + \sin(7x)$
$Y = \cos(3x) + \cos(5x)$

数, 90, の方程式
$[x + x^3 + x^4 + x^6 = 0]$
解 = (−1.00000000000000, −1.000000000 I, 0., 1.000000000 I, 0.500000000000002 − 0.866025403784437 I, 0.500000000000002 + 0.866025403784437 I)
$[x^2 + x^4 = 0]$
解 = (−1.000000000 I, 0., 0., 1. I)



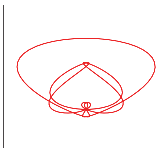
数, 91 [1011011 2進数, 10101 3進数], SC gragh
$X = \sin(x) + \sin(2x) + \sin(4x) + \sin(5x) + \sin(7x)$
$Y = \cos(x) + \cos(3x) + \cos(5x)$

数, 91, の方程式
$[1 + x + x^3 + x^4 + x^6 = 0]$
解 = (−0.765391019711853 − 0.238420062304796 I, −0.765391019711853 + 0.238420062304796 I, 0.0647544333108470 − 1.19585180898204 I, 0.0647544333108470 + 1.19585180898204 I, 0.700636586401006 − 0.770715577069503 I, 0.700636586401006 + 0.770715577069503 I)
$[1 + x^2 + x^4 = 0]$
解 = (−0.500000000000000 − 0.866025403784439 I, −0.500000000000000 + 0.866025403784439 I, 0.500000000000000 − 0.866025403784439 I, 0.500000000000000 + 0.866025403784439 I)



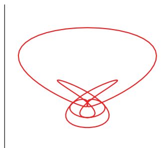
数, 92 [1011100 2進数, 10102 3進数], SC gragh
$X = \sin(3x) + \sin(4x) + \sin(5x) + \sin(7x)$
$Y = 2\cos(x) + \cos(3x) + \cos(5x)$

数, 92, の方程式
$[x^2 + x^3 + x^4 + x^6 = 0]$
解 = (−0.547423794586059 − 0.585651979689573 I, −0.547423794586059 + 0.585651979689573 I, 0., 0., 0.547423794586059 − 1.12087348993706 I, 0.547423794586059 + 1.12087348993706 I)
$[2 + x^2 + x^4 = 0]$
解 = (−0.676096724726978 − 0.978318343478516 I, −0.676096724726978 + 0.978318343478516 I, 0.676096724726978 − 0.978318343478516 I, 0.676096724726978 + 0.978318343478516 I)



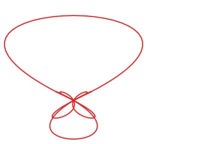
数, 93 [1011101 2進数, 10110 3進数], SC gragh
$X = \sin(x) + \sin(3x) + \sin(4x) + \sin(5x) + \sin(7x)$
$Y = \cos(2x) + \cos(3x) + \cos(5x)$

数, 93, の方程式
$[1 + x^2 + x^3 + x^4 + x^6 = 0]$
解 = (−0.809016994374947 − 0.587785252292473 I, −0.809016994374947 + 0.587785252292473 I, 0.309016994374947 − 0.951056516295154 I, 0.309016994374947 + 0.951056516295154 I, 0.500000000000000 − 0.866025403784439 I, 0.500000000000000 + 0.866025403784439 I)
$[x + x^2 + x^4 = 0]$
解 = (−0.682327803828019, 0., 0.341163901914010 − 1.16154139999725 I, 0.341163901914010 + 1.16154139999725 I)



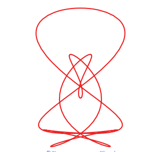
数, 94 [1011110 2進数, 10111 3進数], SC gragh
$X = \sin(2x) + \sin(3x) + \sin(4x) + \sin(5x) + \sin(7x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(5x)$

数, 94, の方程式
$[x + x^2 + x^3 + x^4 + x^6 = 0]$
解 = (−0.800094994405459, −0.262246923745903 − 0.873156676742919 I, −0.262246923745903 + 0.873156676742919 I, 0., 0.662294420948633 − 1.03202750299082 I, 0.662294420948633 + 1.03202750299082 I)
$[1 + x + x^2 + x^4 = 0]$
解 = (−0.547423794586059 − 0.585651979689573 I, −0.547423794586059 + 0.585651979689573 I, 0.547423794586059 − 1.12087348993706 I, 0.547423794586059 + 1.12087348993706 I)



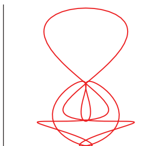
数, 95 [1011111 2進数, 10112 3進数], SC gragh
$X = \sin(x) + \sin(2x) + \sin(3x) + \sin(4x) + \sin(5x) + \sin(7x)$
$Y = 2\cos(x) + \cos(2x) + \cos(3x) + \cos(5x)$

数, 95, の方程式
$[1 + x + x^2 + x^3 + x^4 + x^6 = 0]$
解 = (−0.727136084491197 − 0.430014288329716 I, −0.727136084491197 + 0.430014288329716 I, −1. I, 1. I, 0.727136084491197 − 0.934099289460529 I, 0.727136084491197 + 0.934099289460529 I)
$[2 + x + x^2 + x^4 = 0]$
解 = (−0.692655938686781 − 0.786665554089798 I, −0.692655938686781 + 0.786665554089798 I, 0.692655938686781 − 1.15788678410487 I, 0.692655938686781 + 1.15788678410487 I)



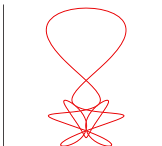
数, 96 [1100000 2進数, 10120 3進数], SC gragh
$X = \sin(6x) + \sin(7x)$
$Y = 2\cos(2x) + \cos(3x) + \cos(5x)$

数, 96, の方程式
$[x^5 + x^6 = 0]$
解 = (−1., 0., 0., 0., 0., 0.)
$[2x + x^2 + x^4 = 0]$
解 = (−1., 0., 0.500000000000000 − 1.32287565553230 I, 0.500000000000000 + 1.32287565553230 I)



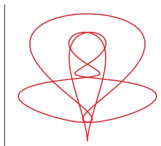
数, 97 [1100001 2進数, 10121 3進数], SC gragh
$X = \sin(x) + \sin(6x) + \sin(7x)$
$Y = \cos(x) + 2\cos(2x) + \cos(3x) + \cos(5x)$

数, 97, の方程式
$[1 + x^5 + x^6 = 0]$
解 = (−1.10511877670981 − 0.420019756559383 I, −1.10511877670981 + 0.420019756559383 I, −0.140390396837904 − 0.942117491545298 I, −0.140390396837904 + 0.942117491545298 I, 0.745509173547712 − 0.482471696816375 I, 0.745509173547712 + 0.482471696816375 I)
$[1 + 2x + x^2 + x^4 = 0]$
解 = (−0.624810533843827 − 0.300242590220120 I, −0.624810533843827 + 0.300242590220120 I, 0.624810533843827 − 1.30024259022012 I, 0.624810533843827 + 1.30024259022012 I)



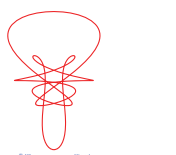
数, 98 [1100010 2進数, 10122 3進数], SC gragh
$X = \sin(2x) + \sin(6x) + \sin(7x)$
$Y = 2\cos(x) + 2\cos(2x) + \cos(3x) + \cos(5x)$

数, 98, の方程式
$[x + x^5 + x^6 = 0]$
解 = (−1.32471795724475, −0.500000000000000 − 0.866025403784439 I, −0.500000000000000 + 0.866025403784439 I, 0., 0.662358978622373 − 0.562279512062301 I, 0.662358978622373 + 0.562279512062301 I)
$[2 + 2x + x^2 + x^4 = 0]$
解 = (−0.731665243751431 − 0.593263349207921 I, −0.731665243751431 + 0.593263349207921 I, 0.731665243751431 − 1.31099452947535 I, 0.731665243751431 + 1.31099452947535 I)



数, 99 [1100011 2進数, 10200 3進数], SC gragh
$X = \sin(x) + \sin(2x) + \sin(6x) + \sin(7x)$
$Y = 2\cos(3x) + \cos(5x)$

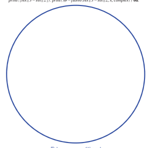
数, 99, の方程式
$[1 + x + x^5 + x^6 = 0]$
解 = (−1., −1., −0.309016994374947 − 0.951056516295154 I, −0.309016994374947 + 0.951056516295154 I, 0.809016994374947 − 0.587785252292473 I, 0.809016994374947 + 0.587785252292473 I)
$[2x^2 + x^4 = 0]$
解 = (−1.414213562 I, 0., 0., 1.414213562 I)



数, 100 [1100100 2進数, 10201 3進数], SC gragh
$X = \sin(3x) + \sin(6x) + \sin(7x)$
$Y = \cos(x) + 2\cos(3x) + \cos(5x)$

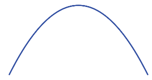
数, 100, の方程式
$[x^2 + x^5 + x^6 = 0]$
解 = (−1.01891279438516 − 0.602565419998599 I, −1.01891279438516 + 0.602565419998599 I, 0., 0., 0.518912794385156 − 0.666609844932019 I, 0.518912794385156 + 0.666609844932019 I)
$[1 + 2x^2 + x^4 = 0]$
解 = (−1.000000000 I, −1.000000000 I, 1. I, 1. I)   (1)

```
> # Number 2,3  number SC gragh Houteisiki  100 by H.E:
> with(plots) :
> for e from 1 to 100 do for m from 2 to 3 do EP := e : J||m := 0 : Hx||m := 0 : ni||m
    := 0 : FX||m := 0 : FY||m := 0 : for h from 1 to 10 do if EP ≥ 0  then  ni||m := ni
    ||m + 1 : N||m := EP mod m : EP := (EP − (EP mod m))/m : J||m := J||m + 10^(ni||m − 1)
    ·N||m : Hx||m := Hx||m + (N||m)·x^((ni||m)−1) : FX||m := FX||m + (N||m)·sin((ni
    ||m)·x) : FY||m := FY||m + (N||m)·cos((ni||m)·x) fi:od:od:
    print(display(plot([FX||3, FY||2, x = 0 ..2 Pi], color = blue, axes = none, scaling
    = constrained, thickness = 3))) : print(数, e[[(J||3)[3 進数], (J||2)[2 進数]]],
    SC gragh) : print(X = FX||3) : print(Y = FY||2) : print( ): print(数, e, の方程式):
    print([Hx||3 = Hx||2]): print(解 = fsolve(Hx||3 = Hx||2, x, complex)) od:
```



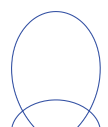
数, 1 [1 3進数, 1 2進数], SC gragh
$X = \sin(x)$
$Y = \cos(x)$

数, 1, の方程式
$[1 = 1]$
解 = (x = x)



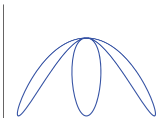
数, 2 [2 3進数, 10 2進数], SC gragh
$X = 2\sin(x)$
$Y = \cos(2x)$

数, 2, の方程式
$[2 = x]$
解 = 2.



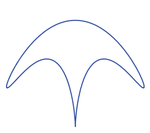
数, 3 [10 3進数, 11 2進数], SC gragh
$X = \sin(2x)$
$Y = \cos(x) + \cos(2x)$

数, 3, の方程式
$[x = 1 + x]$
解 = ( )



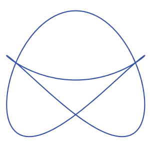
数, 4 [11 3進数, 100 2進数], SC gragh
$X = \sin(x) + \sin(2x)$
$Y = \cos(3x)$

数, 4, の方程式
$[1 + x = x^2]$
解 = (−0.6180339887, 1.618033989)



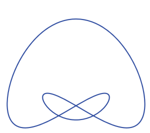
数; 5 [$12_{3進数}$ $101_{2進数}$] SC gragh
$X = 2\sin(x) + \sin(2x)$
$Y = \cos(x) + \cos(3x)$

数; 5, の方程式
$[2 + x = 1 + x^2]$
解 = (-0.6180339887, 1.618033989)



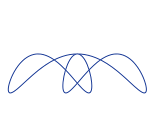
数; 6 [$20_{3進数}$ $110_{2進数}$] SC gragh
$X = 2\sin(2x)$
$Y = \cos(2x) + \cos(3x)$

数; 6, の方程式
$[2x = x + x^2]$
解 = (0., 1.)



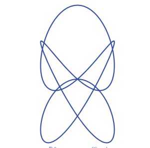
数; 7 [$21_{3進数}$ $111_{2進数}$] SC gragh
$X = \sin(x) + 2\sin(2x)$
$Y = \cos(x) + \cos(2x) + \cos(3x)$

数; 7, の方程式
$[1 + 2x = 1 + x + x^2]$
解 = (0., 1.)



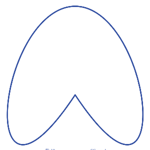
数; 8 [$22_{3進数}$ $1000_{2進数}$] SC gragh
$X = 2\sin(x) + 2\sin(2x)$
$Y = \cos(4x)$

数; 8, の方程式
$[2 + 2x = x^3]$
解 = (-0.884646177119316 - 0.589742805022205 I, -0.884646177119316 + 0.589742805022205 I, 1.76929235423863)



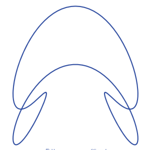
数; 9 [$100_{3進数}$ $1001_{2進数}$] SC gragh
$X = \sin(3x)$
$Y = \cos(x) + \cos(4x)$

数; 9, の方程式
$[x^2 = 1 + x^3]$
解 = (-0.754877666246693, 0.877438833123346 - 0.744861766619744 I, 0.877438833123346 + 0.744861766619744 I)



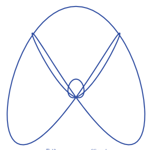
数; 10 [$101_{3進数}$ $1010_{2進数}$] SC gragh
$X = \sin(x) + \sin(3x)$
$Y = \cos(2x) + \cos(4x)$

数; 10, の方程式
$[1 + x^2 = x + x^3]$
解 = (-1.000000000 I, 1.000000000 I, 1.)



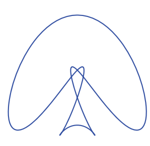
数; 11 [$102_{3進数}$ $1011_{2進数}$] SC gragh
$X = 2\sin(x) + \sin(3x)$
$Y = \cos(x) + \cos(2x) + \cos(4x)$

数; 11, の方程式
$[2 + x^2 = 1 + x + x^3]$
解 = (-1.000000000 I, 1.000000000 I, 1.)



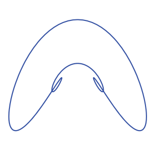
数; 12 [$110_{3進数}$ $1100_{2進数}$] SC gragh
$X = \sin(2x) + \sin(3x)$
$Y = \cos(3x) + \cos(4x)$

数; 12, の方程式
$[x + x^2 = x^2 + x^3]$
解 = (-1.000000000, 0., 1.)



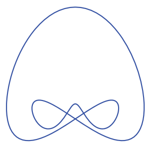
数; 13 [$111_{3進数}$ $1101_{2進数}$] SC gragh
$X = \sin(x) + \sin(2x) + \sin(3x)$
$Y = \cos(x) + \cos(3x) + \cos(4x)$

数; 13, の方程式
$[1 + x + x^2 = 1 + x^2 + x^3]$
解 = (-1.000000000, 0., 1.)



数; 14 [$112_{3進数}$ $1110_{2進数}$] SC gragh
$X = 2\sin(x) + \sin(2x) + \sin(3x)$
$Y = \cos(2x) + \cos(3x) + \cos(4x)$

数; 14, の方程式
$[2 + x + x^2 = x + x^2 + x^3]$
解 = (-0.629960524947437 - 1.09112363597172 I, -0.629960524947437 + 1.09112363597172 I, 1.25992104989487)

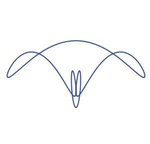


数; 15 [$120_{3進数}$ $1111_{2進数}$] SC gragh
$X = 2\sin(2x) + \sin(3x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(4x)$

数; 15, の方程式
$[2x + x^2 = 1 + x + x^2 + x^3]$
解 = (-1.32471795724475, 0.662358978622373 - 0.562279512062301 I, 0.662358978622373 + 0.562279512062301 I)

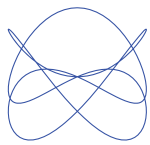
数; 16 [$121_{3進数}$ $10000_{2進数}$] SC gragh
$X = \sin(x) + 2\sin(2x) + \sin(3x)$
$Y = \cos(5x)$

数; 16, の方程式
$[1 + 2x + x^2 = x^4]$
解 = (-0.618033988749895, -0.500000000000000 - 0.866025403784439 I, -0.500000000000000 + 0.866025403784439 I, 1.61803398874989)



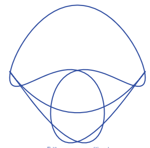
数; 17 [$122_{3進数}$ $10001_{2進数}$] SC gragh
$X = 2\sin(x) + 2\sin(2x) + \sin(3x)$
$Y = \cos(x) + \cos(5x)$

数; 17, の方程式
$[2 + 2x + x^2 = 1 + x^4]$
解 = (-0.618033988749895, -0.500000000000000 - 0.866025403784439 I, -0.500000000000000 + 0.866025403784439 I, 1.61803398874989)



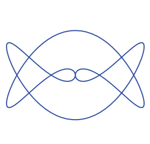
数; 18 [$200_{3進数}$ $10010_{2進数}$] SC gragh
$X = 2\sin(3x)$
$Y = \cos(2x) + \cos(5x)$

数; 18, の方程式
$[2x^2 = x + x^4]$
解 = (-1.61803398874989, 0., 0.618033988749895, 1.)



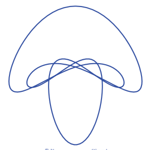
数; 19 [$201_{3進数}$ $10011_{2進数}$] SC gragh
$X = \sin(x) + 2\sin(3x)$
$Y = \cos(x) + \cos(2x) + \cos(5x)$

数; 19, の方程式
$[1 + 2x^2 = 1 + x + x^4]$
解 = (-1.61803398874989, 0., 0.618033988749895, 1.)



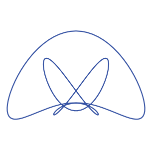
数; 20 [$202_{3進数}$ $10100_{2進数}$] SC gragh
$X = 2\sin(x) + 2\sin(3x)$
$Y = \cos(3x) + \cos(5x)$

数; 20, の方程式
$[2 + 2x^2 = x^2 + x^4]$
解 = (-1.41421356237310, -1. I, 1. I, 1.41421356237309)



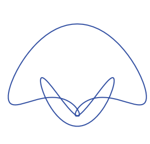
数; 21 [$210_{3進数}$ $10101_{2進数}$] SC gragh
$X = \sin(2x) + 2\sin(3x)$
$Y = \cos(x) + \cos(3x) + \cos(5x)$

数; 21, の方程式
$[x + 2x^2 = 1 + x^2 + x^4]$
解 = (-0.877438833123346 - 0.744861766619744 I, -0.877438833123346 + 0.744861766619744 I, 0.754877666246693, 1.000000000000000)



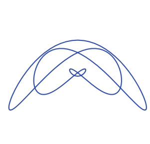
数; 22 [$211_{3進数}$ $10110_{2進数}$] SC gragh
$X = \sin(x) + \sin(2x) + 2\sin(3x)$
$Y = \cos(2x) + \cos(3x) + \cos(5x)$

数; 22, の方程式
$[1 + x + 2x^2 = x + x^2 + x^4]$
解 = (-1.27201964951407, -0.786151377757423 I, 0.786151377757423 I, 1.27201964951407)



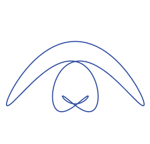
数; 23 [$212_{3進数}$ $10111_{2進数}$] SC gragh
$X = 2\sin(x) + \sin(2x) + 2\sin(3x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(5x)$

数; 23, の方程式
$[2 + x + 2x^2 = 1 + x + x^2 + x^4]$
解 = (-1.27201964951407, -0.786151377757423 I, 0.786151377757423 I, 1.27201964951407)



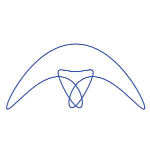
数; 24 [$220_{3進数}$ $11000_{2進数}$] SC gragh
$X = 2\sin(2x) + 2\sin(3x)$
$Y = \cos(4x) + \cos(5x)$

数; 24, の方程式
$[2x + 2x^2 = x^3 + x^4]$
解 = (-1.41421356237310, -0.999999999999999, 0., 1.41421356237310)



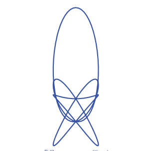
数; 25 [$221_{3進数}$ $11001_{2進数}$] SC gragh
$X = \sin(x) + 2\sin(2x) + 2\sin(3x)$
$Y = \cos(x) + \cos(4x) + \cos(5x)$

数; 25, の方程式
$[1 + 2x + 2x^2 = 1 + x^3 + x^4]$
解 = (-1.41421356237310, -0.999999999999999, 0., 1.41421356237310)



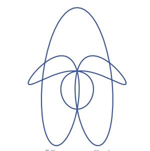
数; 26 [$222_{3進数}$ $11010_{2進数}$] SC gragh
$X = 2\sin(x) + 2\sin(2x) + 2\sin(3x)$
$Y = \cos(2x) + \cos(4x) + \cos(5x)$

数; 26, の方程式
$[2 + 2x + 2x^2 = x + x^3 + x^4]$
解 = (-2., -0.232785615939384 - 0.792551992515448 I, -0.232785615939384 + 0.792551992515448 I, 1.46557123187677)



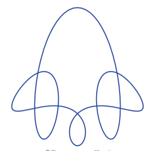
数; 27 [$1000_{3進数}$ $11011_{2進数}$] SC gragh
$X = \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(4x) + \cos(5x)$

数; 27, の方程式
$[x^3 = 1 + x + x^3 + x^4]$
解 = (-0.727136084491197 - 0.430014288329457 I, -0.727136084491197 + 0.430014288329457 I, 0.727136084491197 - 0.934099289460529 I, 0.727136084491197 + 0.934099289460529 I)



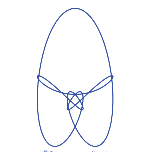
数; 28 [$1001_{3進数}$ $11100_{2進数}$] SC gragh
$X = \sin(x) + \sin(4x)$
$Y = \cos(3x) + \cos(4x) + \cos(5x)$

数; 28, の方程式
$[1 + x^3 = x^2 + x^3 + x^4]$
解 = (-0.786151377757423, -1.27201964951407 I, 1.27201964951407 I, 0.786151377757423)



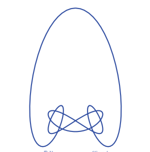
数; 29 [$1002_{3進数}$ $11101_{2進数}$] SC gragh
$X = 2\sin(x) + \sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(4x) + \cos(5x)$

数; 29, の方程式
$[2 + x^3 = 1 + x^2 + x^3 + x^4]$
解 = (-0.786151377757423, -1.27201964951407 I, 1.27201964951407 I, 0.786151377757423)



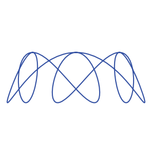
数; 30 [$1010_{3進数}$ $11110_{2進数}$] SC gragh
$X = \sin(2x) + \sin(4x)$
$Y = \cos(2x) + \cos(3x) + \cos(4x) + \cos(5x)$

数; 30, の方程式
$[x + x^3 = x + x^2 + x^3 + x^4]$
解 = (-1.000000000 I, 0., 0., 1. I)



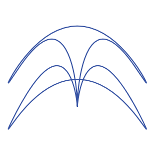
数; 31 [$1011_{3進数}$ $11111_{2進数}$] SC gragh
$X = \sin(x) + \sin(2x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(4x) + \cos(5x)$

数; 31, の方程式
$[1 + x + x^3 = 1 + x + x^2 + x^3 + x^4]$
解 = (-1.000000000 I, 0., 0., 1. I)



数; 32 [$1012_{3進数}$ $100000_{2進数}$] SC gragh
$X = 2\sin(x) + \sin(2x) + \sin(4x)$
$Y = \cos(6x)$

数; 32, の方程式
$[2 + x + x^3 = x^5]$
解 = [illegible]

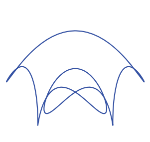


数; 33 [$1020_{3進数}$ $100001_{2進数}$] SC gragh
$X = 2\sin(2x) + \sin(4x)$
$Y = \cos(x) + \cos(6x)$

数; 33, の方程式
$[2x + x^3 = 1 + x^5]$
解 = [illegible]

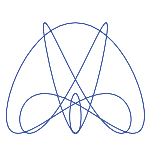
数; 34 [$1021_{3進数}$ $100010_{2進数}$] SC gragh
$X = \sin(x) + 2\sin(2x) + \sin(4x)$
$Y = \cos(2x) + \cos(6x)$

数; 34, の方程式
$[1 + 2x + x^3 = x + x^5]$
解 = (-1., -0.819172513396165, 0.219447472149275 - 0.914473662967727 I, 0.219447472149275 + 0.914473662967727 I, 1.38027756909761)



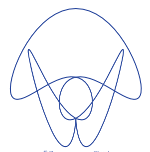
数; 35 [$1022_{3進数}$ $100011_{2進数}$] SC gragh
$X = 2\sin(x) + 2\sin(2x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(6x)$

数; 35, の方程式
$[2 + 2x + x^3 = 1 + x + x^5]$
解 = (-1., -0.819172513396165, 0.219447472149275 - 0.914473662967727 I, 0.219447472149275 + 0.914473662967727 I, 1.38027756909761)



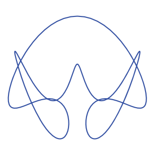
数; 36 [$1100_{3進数}$ $100100_{2進数}$] SC gragh
$X = \sin(3x) + \sin(4x)$
$Y = \cos(3x) + \cos(6x)$

数; 36, の方程式
$[x^2 + x^3 = x^2 + x^5]$
解 = (-1.000000000, 0., 0., 0., 1.)



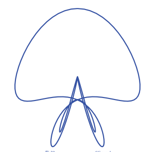
数; 37 [$1101_{3進数}$ $100101_{2進数}$] SC gragh
$X = \sin(x) + \sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(6x)$

数; 37, の方程式
$[1 + x^2 + x^3 = 1 + x^2 + x^5]$
解 = (-1.000000000, 0., 0., 0., 1.)



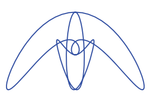
数; 38 [$1102_{3進数}$ $100110_{2進数}$] SC gragh
$X = 2\sin(x) + \sin(3x) + \sin(4x)$
$Y = \cos(2x) + \cos(3x) + \cos(6x)$

数; 38, の方程式
$[2 + x^2 + x^3 = x + x^2 + x^5]$
解 = (-1.10278471520030 - 0.665456951152813 I, -1.10278471520030 + 0.665456951152813 I, 0.500000000000000 - 0.866025403784438 I, 0.500000000000000 + 0.866025403784438 I, 1.20556943040059)



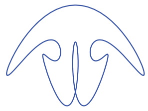
数; 39 [$1110_{3進数}$ $100111_{2進数}$] SC gragh
$X = \sin(2x) + \sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(6x)$

数; 39, の方程式
$[x + x^2 + x^3 = 1 + x + x^2 + x^5]$
解 = (-1.23650570339150, -0.340794866197006 - 0.785423103049449 I, -0.340794866197006 + 0.785423103049449 I, 0.959047717892756 - 0.428365956254189 I, 0.959047717892756 + 0.428365956254189 I)



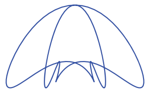
数, 40, SC gragh
[illegible]

数, 40, の方程式
[illegible]



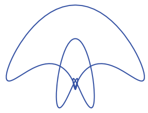
数, 41, SC gragh
[illegible]

数, 41, の方程式
[illegible]



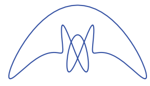
数, 42, SC gragh
[illegible]

数, 42, の方程式
[illegible]



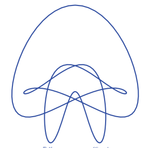
数, 43, SC gragh
[illegible]

数, 43, の方程式
[illegible]



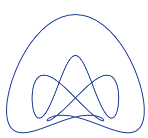
数, 44, SC gragh
[illegible]

数, 44, の方程式
[illegible]



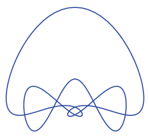
数, 45, SC gragh
[illegible]

数, 45, の方程式
[illegible]



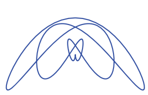
数, 46, SC gragh
[illegible]

数, 46, の方程式
[illegible]



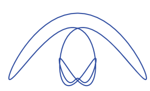
数, 47$\left[1202_{3\,進数}, 101111_{2\,進数}\right]$, SC gragh
$X = 2\sin(x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(4x) + \cos(6x)$

数, 47, の方程式
$[2 + 2x^2 + x^3 = 1 + x + x^2 + x^3 + x^5]$
解 = {−0.851807951824334 − 0.911292162004874 I, −0.851807951824334 + 0.911292162004874 I, 0.351807951824333 − 0.720341736418543 I, 0.351807951824333 + 0.720341736418543 I, 1.}



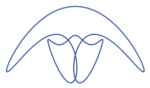
数, 48$\left[1210_{3\,進数}, 110000_{2\,進数}\right]$, SC gragh
$X = \sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(5x) + \cos(6x)$

数, 48, の方程式
$[x + 2x^2 + x^3 = x^4 + x^5]$
解 = {−1., −0.662358978622373 − 0.562279512062301 I, −0.662358978622373 + 0.562279512062301 I, 0., 1.32471795724475}



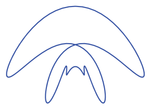
数, 49$\left[1211_{3\,進数}, 110001_{2\,進数}\right]$, SC gragh
$X = \sin(x) + \sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(5x) + \cos(6x)$

数, 49, の方程式
$[1 + x + 2x^2 + x^3 = 1 + x^4 + x^5]$
解 = {−1., −0.662358978622373 − 0.562279512062301 I, −0.662358978622373 + 0.562279512062301 I, 0., 1.32471795724475}



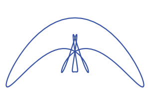
数, 50$\left[1212_{3\,進数}, 110010_{2\,進数}\right]$, SC gragh
$X = 2\sin(x) + \sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(2x) + \cos(5x) + \cos(6x)$

数, 50, の方程式
$[2 + x + 2x^2 + x^3 = x + x^4 + x^5]$
解 = {−1.31593654672581 − 0.753101007506270 I, −1.31593654672581 + 0.753101007506270 I, 0.131646414504085 − 0.786361631862553 I, 0.131646414504085 + 0.786361631862553 I, 1.36858026444345}



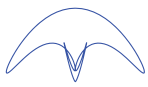
数, 51$\left[1220_{3\,進数}, 110011_{2\,進数}\right]$, SC gragh
$X = 2\sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(5x) + \cos(6x)$

数, 51, の方程式
$[2x + 2x^2 + x^3 = 1 + x + x^4 + x^5]$
解 = {−1.35049923657154, −0.685154314446478 − 0.871407150560944 I, −0.685154314446478 + 0.871407150560944 I, 0.489331209411288, 1.23147665605321}



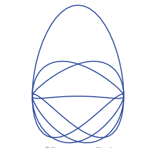
数, 52$\left[1221_{3\,進数}, 110100_{2\,進数}\right]$, SC gragh
$X = \sin(x) + 2\sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(3x) + \cos(5x) + \cos(6x)$

数, 52, の方程式
$[1 + 2x + 2x^2 + x^3 = x^2 + x^4 + x^5]$
解 = {−1.57926363712146, −0.547490481714146, −0.116961266373518 − 0.914499942298308 I, −0.116961266373518 + 0.914499942298308 I, 1.36067665158264}



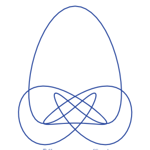
数, 53$\left[1222_{3\,進数}, 110101_{2\,進数}\right]$, SC gragh
$X = 2\sin(x) + \sin(2x) + 2\sin(3x) + \sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(5x) + \cos(6x)$

数, 53, の方程式
$[2 + 2x + 2x^2 + x^3 = 1 + x^2 + x^4 + x^5]$
解 = {−1.57926363712146, −0.547490481714146, −0.116961266373518 − 0.914499942298308 I, −0.116961266373518 + 0.914499942298308 I, 1.36067665158264}



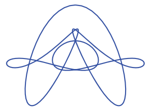
数, 54$\left[2000_{3\,進数}, 110110_{2\,進数}\right]$, SC gragh
$X = 2\sin(4x)$
$Y = \cos(2x) + \cos(3x) + \cos(5x) + \cos(6x)$

数, 54, の方程式
$[2x^3 = x + x^2 + x^4 + x^5]$
解 = {−2.08101899662454, −0.480533816184295, 0., 0.780776406404415 − 0.624810533843826 I, 0.780776406404415 + 0.624810533843826 I}



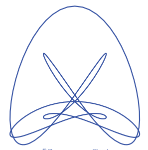
数, 55$\left[2001_{3\,進数}, 110111_{2\,進数}\right]$, SC gragh
$X = \sin(x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(5x) + \cos(6x)$

数, 55, の方程式
$[1 + 2x^3 = 1 + x + x^2 + x^4 + x^5]$
解 = {−2.08101899662454, −0.480533816184295, 0., 0.780776406404415 − 0.624810533843826 I, 0.780776406404415 + 0.624810533843826 I}



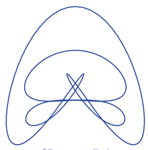
数, 56$\left[2002_{3\,進数}, 111000_{2\,進数}\right]$, SC gragh
$X = 2\sin(x) + 2\sin(4x)$
$Y = \cos(4x) + \cos(5x) + \cos(6x)$

数, 56, の方程式
$[2 + 2x^3 = x^3 + x^4 + x^5]$
解 = {−1.32883695847533 − 0.283799151106506 I, −1.32883695847533 + 0.283799151106506 I, 0.265331943548260 − 0.943791580808077 I, 0.265331943548260 + 0.943791580808077 I, 1.12701002985414}



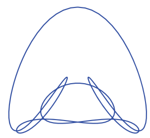
数, 57$\left[2010_{3\,進数}, 111001_{2\,進数}\right]$, SC gragh
$X = \sin(2x) + 2\sin(4x)$
$Y = \cos(x) + \cos(4x) + \cos(5x) + \cos(6x)$

数, 57, の方程式
$[x + 2x^3 = 1 + x^3 + x^4 + x^5]$
解 = {−1.81240361926804, −0.343507871249031 − 0.863546343637184 I, −0.343507871249031 + 0.863546343637184 I, 0.749709680883053 − 0.277044067214243 I, 0.749709680883053 + 0.277044067214243 I}



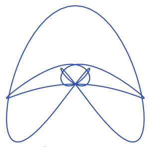
数, 58$\left[2011_{3\,進数}, 111010_{2\,進数}\right]$, SC gragh
$X = \sin(x) + \sin(2x) + 2\sin(4x)$
$Y = \cos(2x) + \cos(4x) + \cos(5x) + \cos(6x)$

数, 58, の方程式
$[1 + x + 2x^3 = x + x^3 + x^4 + x^5]$
解 = {−1.46557123187677, −0.999999999999997, 0.232785615938384 − 0.792551992515446 I, 0.232785615938384 + 0.792551992515446 I, 0.999999999999999}



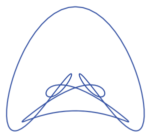
数, 59$\left[2012_{3\,進数}, 111011_{2\,進数}\right]$, SC gragh
$X = 2\sin(x) + \sin(2x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(4x) + \cos(5x) + \cos(6x)$

数, 59, の方程式
$[2 + x + 2x^3 = 1 + x + x^3 + x^4 + x^5]$
解 = {−1.46557123187677, −0.999999999999997, 0.232785615938384 − 0.792551992515446 I, 0.232785615938384 + 0.792551992515446 I, 0.999999999999999}



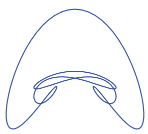
数, 60$\left[2020_{3\,進数}, 111100_{2\,進数}\right]$, SC gragh
$X = 2\sin(2x) + 2\sin(4x)$
$Y = \cos(3x) + \cos(4x) + \cos(5x) + \cos(6x)$

数, 60, の方程式
$[2x + 2x^3 = x^2 + x^3 + x^4 + x^5]$
解 = {−2., −1. I, 0., 1. I, 1.}



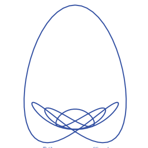
数, 61$\left[2021_{3\,進数}, 111101_{2\,進数}\right]$, SC gragh
$X = \sin(x) + 2\sin(2x) + 2\sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(4x) + \cos(5x) + \cos(6x)$

数, 61, の方程式
$[1 + 2x + 2x^3 = 1 + x^2 + x^3 + x^4 + x^5]$
解 = {−2., −1. I, 0., 1. I, 1.}



数, 62$\left[2022_{3\,進数}, 111110_{2\,進数}\right]$, SC gragh
$X = 2\sin(x) + 2\sin(2x) + 2\sin(4x)$
$Y = \cos(2x) + \cos(3x) + \cos(4x) + \cos(5x) + \cos(6x)$

数, 62, の方程式
$[2 + 2x + 2x^3 = x + x^2 + x^3 + x^4 + x^5]$
解 = {−1.82993046149307, −0.792468766496624, 0.254210638961345 − 1.08324632723372 I, 0.254210638961345 + 1.08324632723372 I, 1.11397795006700}

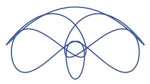


数, 63$\left[2100_{3\,進数}, 111111_{2\,進数}\right]$, SC gragh
$X = \sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(4x) + \cos(5x) + \cos(6x)$

数, 63, の方程式
$[x^2 + 2x^3 = 1 + x + x^2 + x^3 + x^4 + x^5]$
解 = {−1.54990607259428, −0.552826814694493 − 0.534136138247846 I, −0.552826814694493 + 0.534136138247846 I, 0.827779850991634 − 0.637683284635082 I, 0.827779850991634 + 0.637683284635082 I}

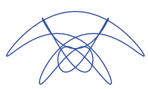
数, 64$\left[2101_{3\,進数}, 1000000_{2\,進数}\right]$, SC gragh
$X = \sin(x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(7x)$

数, 64, の方程式
$[1 + x^2 + 2x^3 = x^6]$
解 = {−0.871079579815808, −0.547178157601045 − 1.17841025306654 I, −0.547178157601045 + 1.17841025306654 I, 0.259795616567620 − 0.634720556106719 I, 0.259795616567620 + 0.634720556106719 I, 1.44584466188266}



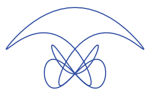
数, 65$\left[2102_{3\,進数}, 1000001_{2\,進数}\right]$, SC gragh
$X = 2\sin(x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(7x)$

数, 65, の方程式
$[2 + x^2 + 2x^3 = 1 + x^6]$
解 = {−0.871079579815808, −0.547178157601045 − 1.17841025306654 I, −0.547178157601045 + 1.17841025306654 I, 0.259795616567620 − 0.634720556106719 I, 0.259795616567620 + 0.634720556106719 I, 1.44584466188266}



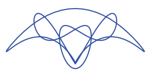
数, 66$\left[2110_{3\,進数}, 1000010_{2\,進数}\right]$, SC gragh
$X = \sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(2x) + \cos(7x)$

数, 66, の方程式
$[x + x^2 + 2x^3 = x + x^6]$
解 = {−0.474626617562607, −0.460355188452233 − 1.13931768030192 I, −0.460355188452233 + 1.13931768030192 I, 0., 0., 1.39533699446707}



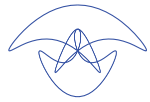
数, 67$\left[2111_{3\,進数}, 1000011_{2\,進数}\right]$, SC gragh
$X = \sin(x) + \sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(7x)$

数, 67, の方程式
$[1 + x + x^2 + 2x^3 = 1 + x + x^6]$
解 = {−0.474626617562607, −0.460355188452233 − 1.13931768030192 I, −0.460355188452233 + 1.13931768030192 I, 0., 0., 1.39533699446707}



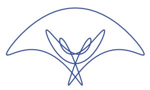
数, 68$\left[2112_{3\,進数}, 1000100_{2\,進数}\right]$, SC gragh
$X = 2\sin(x) + \sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(3x) + \cos(7x)$

数, 68, の方程式
$[2 + x + x^2 + 2x^3 = x^2 + x^6]$
解 = {−0.787078444428340, −0.741910489165458 − 1.15252739289428 I, −0.741910489165458 + 1.15252739289428 I, 0.405471211710424 − 0.872927342273361 I, 0.405471211710424 + 0.872927342273361 I, 1.45995699933841}



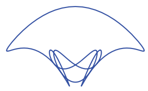
数, 69$\left[2120_{3\,進数}, 1000101_{2\,進数}\right]$, SC gragh
$X = 2\sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(3x) + \cos(7x)$

数, 69, の方程式
$[2x + x^2 + 2x^3 = 1 + x^2 + x^6]$
解 = {−0.906128790143398 − 0.934273688259572 I, −0.906128790143398 + 0.934273688259572 I, −1., 1., 0.425786666318445, 1.38647091396835}



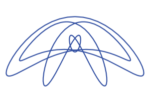
数, 70$\left[2121_{3\,進数}, 1000110_{2\,進数}\right]$, SC gragh
$X = \sin(x) + 2\sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(2x) + \cos(3x) + \cos(7x)$

数, 70, の方程式
$[1 + 2x + x^2 + 2x^3 = x + x^2 + x^6]$
解 = {−0.730311342690824 − 1.08989980505242 I, −0.730311342690824 + 1.08989980505242 I, −0.577560699933594, 0.310302046770055 − 0.783143752913851 I, 0.310302046770055 + 0.783143752913851 I, 1.41757929177513}



数, 71$\left[2122_{3\,進数}, 1000111_{2\,進数}\right]$, SC gragh
$X = 2\sin(x) + 2\sin(2x) + \sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(2x) + \cos(3x) + \cos(7x)$

数, 71, の方程式
$[2 + 2x + x^2 + 2x^3 = 1 + x + x^2 + x^6]$
解 = {−0.730311342690824 − 1.08989980505242 I, −0.730311342690824 + 1.08989980505242 I, −0.577560699933594, 0.310302046770055 − 0.783143752913851 I, 0.310302046770055 + 0.783143752913851 I, 1.41757929177513}



数, 72$\left[2200_{3\,進数}, 1001000_{2\,進数}\right]$, SC gragh
$X = 2\sin(3x) + 2\sin(4x)$
$Y = \cos(4x) + \cos(7x)$

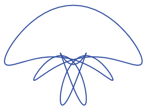
数, 72, の方程式
$[2x^2 + 2x^3 = x^3 + x^6]$
解 = {−1., −0.176604982099662 − 1.20282081928548 I, −0.176604982099662 + 1.20282081928548 I, 0., 0., 1.35320996419932}

数, 73$\left[2201_{3\,進数}, 1001001_{2\,進数}\right]$, SC gragh
$X = \sin(x) + 2\sin(3x) + 2\sin(4x)$
$Y = \cos(x) + \cos(4x) + \cos(7x)$

数, 73, の方程式
$[1 + 2x^2 + 2x^3 = 1 + x^3 + x^6]$
解 = {−1., −0.176604982099662 − 1.20282081928548 I, −0.176604982099662 + 1.20282081928548 I, 0., 0., 1.35320996419932}

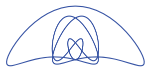
数, 74$\left[2202_{3\,進数}, 1001010_{2\,進数}\right]$, SC gragh
$X = 2\sin(x) + 2\sin(3x) + 2\sin(4x)$
$Y = \cos(2x) + \cos(4x) + \cos(7x)$

数, 74, の方程式
$[2 + 2x^2 + 2x^3 = x + x^3 + x^6]$
解 = {−1.28315190920552, −0.399331378629142 − 1.23111072095085 I, −0.399331378629142 + 1.23111072095085 I, 0.347184091220236 − 0.741695368717770 I, 0.347184091220236 + 0.741695368717770 I, 1.38744648402333}



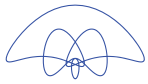
数, 75$_{[2210_{3進数},\ 1001011_{2進数}]}$, SC gragh
$X=\sin(2x)+2\sin(3x)+2\sin(4x)$
$Y=\cos(x)+\cos(2x)+\cos(4x)+\cos(7x)$

数, 75, の方程式
$[x+2x^2+2x^3=1+x+x^3+x^6]$
解 = (−0.817261732015655 − 0.282882573268426 I, −0.817261732015655 + 0.282882573268426 I, −0.139580099278416 − 1.27509870259196 I, −0.139580099278416 + 1.27509870259196 I, 0.635977968005160, 1.27770569458298)

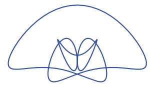


数, 76$_{[2211_{3進数},\ 1001100_{2進数}]}$, SC gragh
$X=\sin(x)+\sin(2x)+2\sin(3x)+2\sin(4x)$
$Y=\cos(3x)+\cos(4x)+\cos(7x)$

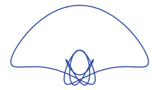
数, 76, の方程式
$[1+x+2x^2+2x^3=x^2+x^3+x^6]$
解 = (−0.819172513396164, −0.500000000000000 − 0.866025403784439 I, −0.500000000000000 + 0.866025403784439 I, 0.219447472149275 − 0.914473662967727 I, 0.219447472149275 + 0.914473662967727 I, 1.38027756909761)



数, 77 [illegible]

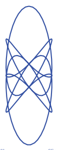


数, 78 [illegible]

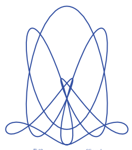


数, 79 [illegible]

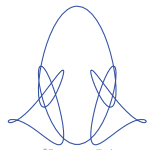
数, 80 [illegible]



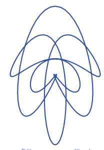
数, 81 [illegible]



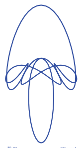
数, 82 [illegible]



数, 83 [illegible]

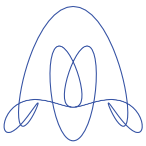


数, 84 [illegible]



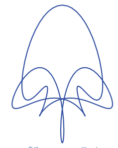
数, 85$_{[10011_{3進数},\ 1010101_{2進数}]}$, SC gragh
$X=\sin(x)+\sin(2x)+\sin(5x)$
$Y=\cos(x)+\cos(3x)+\cos(5x)+\cos(7x)$

数, 85, の方程式
$[1+x+x^4=1+x^2+x^4+x^6]$
解 = (−0.877438833123347 − 0.744861766619745 I, −0.877438833123347 + 0.744861766619745 I, 0., 0.500000000000000 − 0.866025403784440 I, 0.500000000000000 + 0.866025403784440 I, 0.754877666246695)



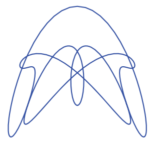
数, 86$_{[10012_{3進数},\ 1010110_{2進数}]}$, SC gragh
$X=2\sin(x)+\sin(2x)+\sin(5x)$
$Y=\cos(2x)+\cos(3x)+\cos(5x)+\cos(7x)$

数, 86, の方程式
$[2+x+x^4=x+x^2+x^4+x^6]$
解 = (−1.00000000000000, −0.676096724726978 − 0.978318343478516 I, −0.676096724726978 + 0.978318343478516 I, 0.676096724726978 − 0.978318343478516 I, 0.676096724726978 + 0.978318343478516 I, 1.)



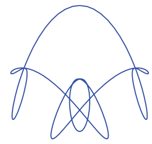
数, 87$_{[10020_{3進数},\ 1010111_{2進数}]}$, SC gragh
$X=2\sin(2x)+\sin(5x)$
$Y=\cos(x)+\cos(2x)+\cos(3x)+\cos(5x)+\cos(7x)$

数, 87, の方程式
$[2x+x^4=1+x+x^2+x^4+x^6]$
解 = (−0.969293772017423 − 0.731014654495823 I, −0.969293772017423 + 0.731014654495823 I, 0.209232046140418 − 0.869524107285682 I, 0.209232046140418 + 0.869524107285682 I, 0.760061725877005 − 0.520141994563399 I, 0.760061725877005 + 0.520141994563399 I)



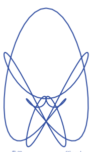
数, 88$_{[10021_{3進数},\ 1011000_{2進数}]}$, SC gragh
$X=\sin(x)+2\sin(2x)+\sin(5x)$
$Y=\cos(4x)+\cos(5x)+\cos(7x)$

数, 88, の方程式
$[1+2x+x^4=x^3+x^4+x^6]$
解 = (−0.800899712586180 − 0.505017418693399 I, −0.800899712586180 + 0.505017418693399 I, −0.577864769255151, 0.535598904079551 − 1.20605831243963 I, 0.535598904079551 + 1.20605831243963 I, 1.10846638626841)



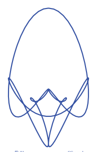
数, 89$_{[10022_{3進数},\ 1011001_{2進数}]}$, SC gragh
$X=2\sin(x)+2\sin(2x)+\sin(5x)$
$Y=\cos(x)+\cos(4x)+\cos(5x)+\cos(7x)$

数, 89, の方程式
$[2+2x+x^4=1+x^3+x^4+x^6]$
解 = (−0.800899712586180 − 0.505017418693399 I, −0.800899712586180 + 0.505017418693399 I, −0.577864769255151, 0.535598904079551 − 1.20605831243963 I, 0.535598904079551 + 1.20605831243963 I, 1.10846638626841)



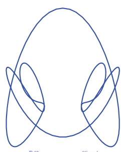
数, 90$_{[10100_{3進数},\ 1011010_{2進数}]}$, SC gragh
$X=\sin(3x)+\sin(5x)$
$Y=\cos(2x)+\cos(4x)+\cos(5x)+\cos(7x)$

数, 90, の方程式
$[x^2+x^4=x+x^3+x^4+x^6]$
解 = (−1.32471795724475, −1. I, 0., 1. I, 0.662358978622373 − 0.562279512062301 I, 0.662358978622373 + 0.562279512062301 I)



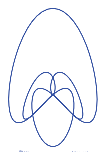
数, 91$_{[10101_{3進数},\ 1011011_{2進数}]}$, SC gragh
$X=\sin(x)+\sin(3x)+\sin(5x)$
$Y=\cos(x)+\cos(2x)+\cos(4x)+\cos(5x)+\cos(7x)$

数, 91, の方程式
$[1+x^2+x^4=1+x+x^3+x^4+x^6]$
解 = (−1.32471795724475, −1. I, 0., 1. I, 0.662358978622373 − 0.562279512062301 I, 0.662358978622373 + 0.562279512062301 I)



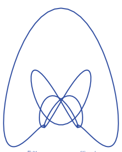
数, 92$_{[10102_{3進数},\ 1011100_{2進数}]}$, SC gragh
$X=2\sin(x)+\sin(3x)+\sin(5x)$
$Y=\cos(3x)+\cos(4x)+\cos(5x)+\cos(7x)$

数, 92, の方程式
$[2+x^2+x^4=x^2+x^3+x^4+x^6]$
解 = (−1.25992104989487, −0.500000000000000 − 0.866025403784439 I, −0.500000000000000 + 0.866025403784439 I, 0.629960524947437 − 1.09112363597172 I, 0.629960524947437 + 1.09112363597172 I, 1.00000000000000)



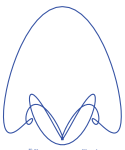
数, 93$_{[10110_{3進数},\ 1011101_{2進数}]}$, SC gragh
$X=\sin(2x)+\sin(3x)+\sin(5x)$
$Y=\cos(x)+\cos(3x)+\cos(4x)+\cos(5x)+\cos(7x)$

数, 93, の方程式
$[x+x^2+x^4=1+x^2+x^3+x^4+x^6]$
解 = (−1.00349442785032 − 0.478611136087702 I, −1.00349442785032 + 0.478611136087702 I, 0.330028065507581 − 1.07365049016179 I, 0.330028065507581 + 1.07365049016179 I, 0.673466362342740 − 0.433223426588015 I, 0.673466362342740 + 0.433223426588015 I)



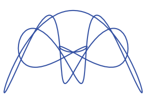
数, 94$_{[10111_{3進数},\ 1011110_{2進数}]}$, SC gragh
$X=\sin(x)+\sin(2x)+\sin(3x)+\sin(5x)$
$Y=\cos(2x)+\cos(3x)+\cos(4x)+\cos(5x)+\cos(7x)$

数, 94, の方程式
$[1+x+x^2+x^4=x+x^2+x^3+x^4+x^6]$
解 = (−1.17398499670533, −0.425899821039621 − 0.737680128975116 I, −0.425899821039621 + 0.737680128975116 I, 0.586992498352664 − 1.01670083080860 I, 0.586992498352664 + 1.01670083080860 I, 0.851799642079243)



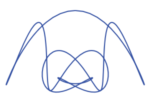
数, 95$_{[10112_{3進数},\ 1011111_{2進数}]}$, SC gragh
$X=2\sin(x)+\sin(2x)+\sin(3x)+\sin(5x)$
$Y=\cos(x)+\cos(2x)+\cos(3x)+\cos(4x)+\cos(5x)+\cos(7x)$

数, 95, の方程式
$[2+x+x^2+x^4=1+x+x^2+x^3+x^4+x^6]$
解 = (−1.17398499670533, −0.425899821039621 − 0.737680128975116 I, −0.425899821039621 + 0.737680128975116 I, 0.586992498352664 − 1.01670083080860 I, 0.586992498352664 + 1.01670083080860 I, 0.851799642079243)



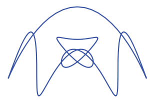
数, 96$_{[10120_{3進数},\ 1100000_{2進数}]}$, SC gragh
$X=2\sin(2x)+\sin(3x)+\sin(5x)$
$Y=\cos(6x)+\cos(7x)$

数, 96, の方程式
$[2x+x^2+x^4=x^5+x^6]$
解 = (−1.56638327726619, −1.00000000000000, 0., 0.168690885741619 − 1.00521502734005 I, 0.168690885741619 + 1.00521502734005 I, 1.22900150578295)



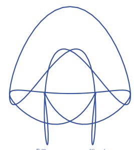
数, 97$_{[10121_{3進数},\ 1100001_{2進数}]}$, SC gragh
$X=\sin(x)+2\sin(2x)+\sin(3x)+\sin(5x)$
$Y=\cos(x)+\cos(6x)+\cos(7x)$

数, 97, の方程式
$[1+2x+x^2+x^4=1+x^5+x^6]$
解 = (−1.56638327726619, −1.00000000000000, 0., 0.168690885741619 − 1.00521502734005 I, 0.168690885741619 + 1.00521502734005 I, 1.22900150578295)



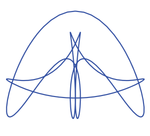
数, 98$_{[10122_{3進数},\ 1100010_{2進数}]}$, SC gragh
$X=2\sin(x)+2\sin(2x)+\sin(3x)+\sin(5x)$
$Y=\cos(2x)+\cos(6x)+\cos(7x)$

数, 98, の方程式
$[2+2x+x^2+x^4=x+x^5+x^6]$
解 = (−1.76335936708221, −0.619846663252876 − 0.694003322015539 I, −0.619846663252876 + 0.694003322015539 I, 0.366891081374745 − 0.947322706122478 I, 0.366891081374745 + 0.947322706122478 I, 1.26927053083847)



数, 99$_{[10200_{3進数},\ 1100011_{2進数}]}$, SC gragh
$X=2\sin(3x)+\sin(5x)$
$Y=\cos(x)+\cos(2x)+\cos(6x)+\cos(7x)$

数, 99, の方程式
$[2x^2+x^4=1+x+x^5+x^6]$
解 = (−1.87472538556029, −0.477942512006077, −0.233758823926676 − 1.08408984554384 I, −0.233758823926676 + 1.08408984554384 I, 0.910092772709860 − 0.281377695481484 I, 0.910092772709860 + 0.281377695481484 I)



数, 100$_{[10201_{3進数},\ 1100100_{2進数}]}$, SC gragh
$X=\sin(x)+2\sin(3x)+\sin(5x)$
$Y=\cos(3x)+\cos(6x)+\cos(7x)$

数, 100, の方程式
$[1+2x^2+x^4=x^2+x^5+x^6]$
解 = (−1.78853983099051, −0.486871087948690 − 0.718963527480885 I, −0.486871087948690 + 0.718963527480885 I, 0.316905353526008 − 0.746140071516356 I, 0.316905353526008 + 0.746140071516356 I, 1.12847129983587) (1)

>
>

数 ２ ０ １ ５ 年

数 ９ 月 数 １ ６ 日

> *# BUNSU by H.E 2014-6-10:*

> *# 1:*

> $MDP := [31, 28, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31];$

$$MDP := [31, 28, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31] \quad (1)$$

> $c := 0$:**for** hy **from** 26 **to** 50 **do** **for** m **from** 1 **to** 12 **do** **for** d **from** 1 **to** $MDP[m]$ **do** **for** t **from** 1 **to** 24 **do** **for** f **from** 1 **to** 60 **do** $HiDa := \frac{1}{hy} + \frac{1}{m} + \frac{1}{d} + \frac{1}{t} + \frac{1}{f}$:
if $\mathrm{floor}\left(evalf\left(\frac{1}{HiDa}\right)\right) = \frac{1}{HiDa}$ **then** $c := c + 1$: $print\left(Hida(c)\left[\frac{1}{hy[HeY]} + \frac{1}{m[M]} + \frac{1}{d[\mathrm{D}]} + \frac{1}{t[T]} + \frac{1}{f[mi]} = HiDa\right]\right)$ **fi**:**od**:**od**:**od**:**od**:**od**:

$$Hida(1) \quad \frac{1}{27_{HeY}} + \frac{1}{2_{M}} + \frac{1}{3_{\mathrm{D}}} + \frac{1}{9_{T}} + \frac{1}{54_{mi}} = 1$$

$$Hida(2) \quad \frac{1}{27_{HeY}} + \frac{1}{2_{M}} + \frac{1}{9_{\mathrm{D}}} + \frac{1}{3_{T}} + \frac{1}{54_{mi}} = 1$$

$$Hida(3) \quad \frac{1}{27_{HeY}} + \frac{1}{3_{M}} + \frac{1}{2_{\mathrm{D}}} + \frac{1}{9_{T}} + \frac{1}{54_{mi}} = 1$$

$$Hida(4) \quad \frac{1}{27_{HeY}} + \frac{1}{3_{M}} + \frac{1}{9_{\mathrm{D}}} + \frac{1}{2_{T}} + \frac{1}{54_{mi}} = 1$$

$$Hida(5) \quad \frac{1}{27_{HeY}} + \frac{1}{3_{M}} + \frac{1}{18_{\mathrm{D}}} + \frac{1}{18_{T}} + \frac{1}{54_{mi}} = \frac{1}{2}$$

$$Hida(6) \quad \frac{1}{27_{HeY}} + \frac{1}{3_{M}} + \frac{1}{27_{\mathrm{D}}} + \frac{1}{18_{T}} + \frac{1}{27_{mi}} = \frac{1}{2}$$

$$Hida(7) \quad \frac{1}{27_{HeY}} + \frac{1}{4_{M}} + \frac{1}{9_{\mathrm{D}}} + \frac{1}{12_{T}} + \frac{1}{54_{mi}} = \frac{1}{2}$$

$$Hida(8) \quad \frac{1}{27_{HeY}} + \frac{1}{4_{M}} + \frac{1}{12_{\mathrm{D}}} + \frac{1}{9_{T}} + \frac{1}{54_{mi}} = \frac{1}{2}$$

$$Hida(9) \quad \frac{1}{27_{HeY}} + \frac{1}{6_{M}} + \frac{1}{6_{\mathrm{D}}} + \frac{1}{9_{T}} + \frac{1}{54_{mi}} = \frac{1}{2}$$

$$Hida(10) \quad \frac{1}{27_{HeY}} + \frac{1}{6_{M}} + \frac{1}{9_{\mathrm{D}}} + \frac{1}{6_{T}} + \frac{1}{54_{mi}} = \frac{1}{2}$$

$$Hida(11) \quad \frac{1}{27_{HeY}} + \frac{1}{6_{M}} + \frac{1}{18_{\mathrm{D}}} + \frac{1}{18_{T}} + \frac{1}{54_{mi}} = \frac{1}{3}$$

$$Hida(12) \quad \frac{1}{27_{HeY}} + \frac{1}{6_{M}} + \frac{1}{27_{\mathrm{D}}} + \frac{1}{18_{T}} + \frac{1}{27_{mi}} = \frac{1}{3}$$

$$Hida(13) \quad \frac{1}{27_{HeY}} + \frac{1}{8_{M}} + \frac{1}{9_{\mathrm{D}}} + \frac{1}{24_{T}} + \frac{1}{54_{mi}} = \frac{1}{3}$$

$$Hida(14) \quad \frac{1}{27_{HeY}} + \frac{1}{8_{M}} + \frac{1}{24_{\mathrm{D}}} + \frac{1}{9_{T}} + \frac{1}{54_{mi}} = \frac{1}{3}$$

$$Hida(15)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{2_{\mathrm{D}}}+\frac{1}{3_{T}}+\frac{1}{54_{mi}}=1$$

$$Hida(16)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{3_{\mathrm{D}}}+\frac{1}{2_{T}}+\frac{1}{54_{mi}}=1$$

$$Hida(17)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{4_{\mathrm{D}}}+\frac{1}{12_{T}}+\frac{1}{54_{mi}}=\frac{1}{2}$$

$$Hida(18)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{6_{\mathrm{D}}}+\frac{1}{6_{T}}+\frac{1}{54_{mi}}=\frac{1}{2}$$

$$Hida(19)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{8_{\mathrm{D}}}+\frac{1}{24_{T}}+\frac{1}{54_{mi}}=\frac{1}{3}$$

$$Hida(20)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{9_{\mathrm{D}}}+\frac{1}{18_{T}}+\frac{1}{54_{mi}}=\frac{1}{3}$$

$$Hida(21)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{10_{\mathrm{D}}}+\frac{1}{15_{T}}+\frac{1}{54_{mi}}=\frac{1}{3}$$

$$Hida(22)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{12_{\mathrm{D}}}+\frac{1}{4_{T}}+\frac{1}{54_{mi}}=\frac{1}{2}$$

$$Hida(23)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{12_{\mathrm{D}}}+\frac{1}{12_{T}}+\frac{1}{54_{mi}}=\frac{1}{3}$$

$$Hida(24)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{15_{\mathrm{D}}}+\frac{1}{10_{T}}+\frac{1}{54_{mi}}=\frac{1}{3}$$

$$Hida(25)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{18_{\mathrm{D}}}+\frac{1}{9_{T}}+\frac{1}{54_{mi}}=\frac{1}{3}$$

$$Hida(26)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{24_{\mathrm{D}}}+\frac{1}{8_{T}}+\frac{1}{54_{mi}}=\frac{1}{3}$$

$$Hida(27)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{24_{\mathrm{D}}}+\frac{1}{24_{T}}+\frac{1}{54_{mi}}=\frac{1}{4}$$

$$Hida(28)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{27_{\mathrm{D}}}+\frac{1}{9_{T}}+\frac{1}{27_{mi}}=\frac{1}{3}$$

$$Hida(29)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{28_{\mathrm{D}}}+\frac{1}{21_{T}}+\frac{1}{54_{mi}}=\frac{1}{4}$$

$$Hida(30)\quad \frac{1}{27_{HeY}}+\frac{1}{9_{M}}+\frac{1}{30_{\mathrm{D}}}+\frac{1}{20_{T}}+\frac{1}{54_{mi}}=\frac{1}{4}$$

$$Hida(31)\quad \frac{1}{27_{HeY}}+\frac{1}{10_{M}}+\frac{1}{9_{\mathrm{D}}}+\frac{1}{15_{T}}+\frac{1}{54_{mi}}=\frac{1}{3}$$

$$Hida(32)\quad \frac{1}{27_{HeY}}+\frac{1}{10_{M}}+\frac{1}{15_{\mathrm{D}}}+\frac{1}{9_{T}}+\frac{1}{54_{mi}}=\frac{1}{3}$$

$$Hida(33)\ \frac{1}{27_{HeY}}+\frac{1}{12_{M}}+\frac{1}{4_{D}}+\frac{1}{9_{T}}+\frac{1}{54_{mi}}=\frac{1}{2}$$

$$Hida(34)\ \frac{1}{27_{HeY}}+\frac{1}{12_{M}}+\frac{1}{9_{D}}+\frac{1}{4_{T}}+\frac{1}{54_{mi}}=\frac{1}{2}$$

$$Hida(35)\ \frac{1}{27_{HeY}}+\frac{1}{12_{M}}+\frac{1}{9_{D}}+\frac{1}{12_{T}}+\frac{1}{54_{mi}}=\frac{1}{3}$$

$$Hida(36)\ \frac{1}{27_{HeY}}+\frac{1}{12_{M}}+\frac{1}{12_{D}}+\frac{1}{9_{T}}+\frac{1}{54_{mi}}=\frac{1}{3}$$

$$Hida(37)\ \frac{1}{27_{HeY}}+\frac{1}{12_{M}}+\frac{1}{18_{D}}+\frac{1}{18_{T}}+\frac{1}{54_{mi}}=\frac{1}{4}$$

$$Hida(38)\ \frac{1}{27_{HeY}}+\frac{1}{12_{M}}+\frac{1}{27_{D}}+\frac{1}{18_{T}}+\frac{1}{27_{mi}}=\frac{1}{4}$$

$$Hida(39)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{3_{D}}+\frac{1}{12_{T}}+\frac{1}{21_{mi}}=1$$

$$Hida(40)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{3_{D}}+\frac{1}{21_{T}}+\frac{1}{12_{mi}}=1$$

$$Hida(41)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{4_{D}}+\frac{1}{6_{T}}+\frac{1}{21_{mi}}=1$$

$$Hida(42)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{4_{D}}+\frac{1}{7_{T}}+\frac{1}{14_{mi}}=1$$

$$Hida(43)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{4_{D}}+\frac{1}{14_{T}}+\frac{1}{7_{mi}}=1$$

$$Hida(44)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{4_{D}}+\frac{1}{21_{T}}+\frac{1}{6_{mi}}=1$$

$$Hida(45)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{6_{D}}+\frac{1}{4_{T}}+\frac{1}{21_{mi}}=1$$

$$Hida(46)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{6_{D}}+\frac{1}{21_{T}}+\frac{1}{4_{mi}}=1$$

$$Hida(47)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{7_{D}}+\frac{1}{4_{T}}+\frac{1}{14_{mi}}=1$$

$$Hida(48)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{7_{D}}+\frac{1}{14_{T}}+\frac{1}{4_{mi}}=1$$

$$Hida(49)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{12_{D}}+\frac{1}{3_{T}}+\frac{1}{21_{mi}}=1$$

$$Hida(50)\ \frac{1}{28_{HeY}}+\frac{1}{2_{M}}+\frac{1}{12_{D}}+\frac{1}{21_{T}}+\frac{1}{3_{mi}}=1$$

$$Hida(51)\quad \frac{1}{28_{HeY}} + \frac{1}{2_{M}} + \frac{1}{14_{\mathrm{D}}} + \frac{1}{4_{T}} + \frac{1}{7_{mi}} = 1$$

$$Hida(52)\quad \frac{1}{28_{HeY}} + \frac{1}{2_{M}} + \frac{1}{14_{\mathrm{D}}} + \frac{1}{7_{T}} + \frac{1}{4_{mi}} = 1$$

$$Hida(53)\quad \frac{1}{28_{HeY}} + \frac{1}{2_{M}} + \frac{1}{21_{\mathrm{D}}} + \frac{1}{3_{T}} + \frac{1}{12_{mi}} = 1$$

$$Hida(54)\quad \frac{1}{28_{HeY}} + \frac{1}{2_{M}} + \frac{1}{21_{\mathrm{D}}} + \frac{1}{4_{T}} + \frac{1}{6_{mi}} = 1$$

$$Hida(55)\quad \frac{1}{28_{HeY}} + \frac{1}{2_{M}} + \frac{1}{21_{\mathrm{D}}} + \frac{1}{6_{T}} + \frac{1}{4_{mi}} = 1$$

$$Hida(56)\quad \frac{1}{28_{HeY}} + \frac{1}{2_{M}} + \frac{1}{21_{\mathrm{D}}} + \frac{1}{12_{T}} + \frac{1}{3_{mi}} = 1$$

$$Hida(57)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{2_{\mathrm{D}}} + \frac{1}{12_{T}} + \frac{1}{21_{mi}} = 1$$

$$Hida(58)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{2_{\mathrm{D}}} + \frac{1}{21_{T}} + \frac{1}{12_{mi}} = 1$$

$$Hida(59)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{3_{\mathrm{D}}} + \frac{1}{4_{T}} + \frac{1}{21_{mi}} = 1$$

$$Hida(60)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{3_{\mathrm{D}}} + \frac{1}{21_{T}} + \frac{1}{4_{mi}} = 1$$

$$Hida(61)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{4_{\mathrm{D}}} + \frac{1}{3_{T}} + \frac{1}{21_{mi}} = 1$$

$$Hida(62)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{4_{\mathrm{D}}} + \frac{1}{21_{T}} + \frac{1}{3_{mi}} = 1$$

$$Hida(63)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{12_{\mathrm{D}}} + \frac{1}{2_{T}} + \frac{1}{21_{mi}} = 1$$

$$Hida(64)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{12_{\mathrm{D}}} + \frac{1}{21_{T}} + \frac{1}{2_{mi}} = 1$$

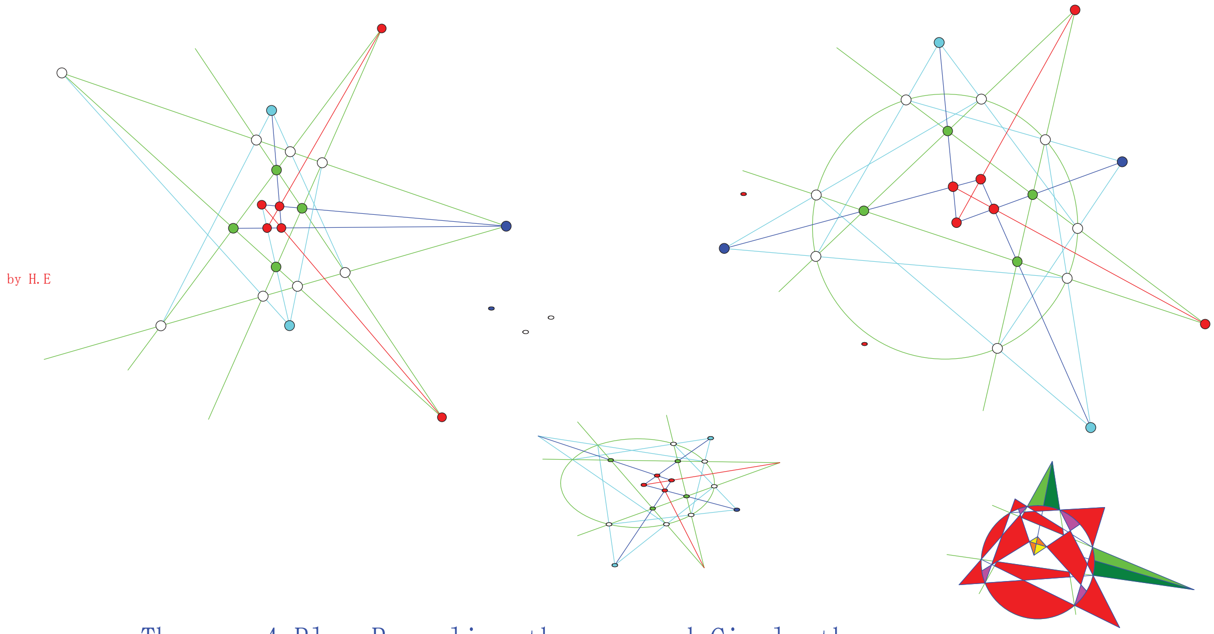
$$Hida(65)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{14_{\mathrm{D}}} + \frac{1}{24_{T}} + \frac{1}{56_{mi}} = \frac{1}{2}$$

$$Hida(66)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{15_{\mathrm{D}}} + \frac{1}{21_{T}} + \frac{1}{60_{mi}} = \frac{1}{2}$$

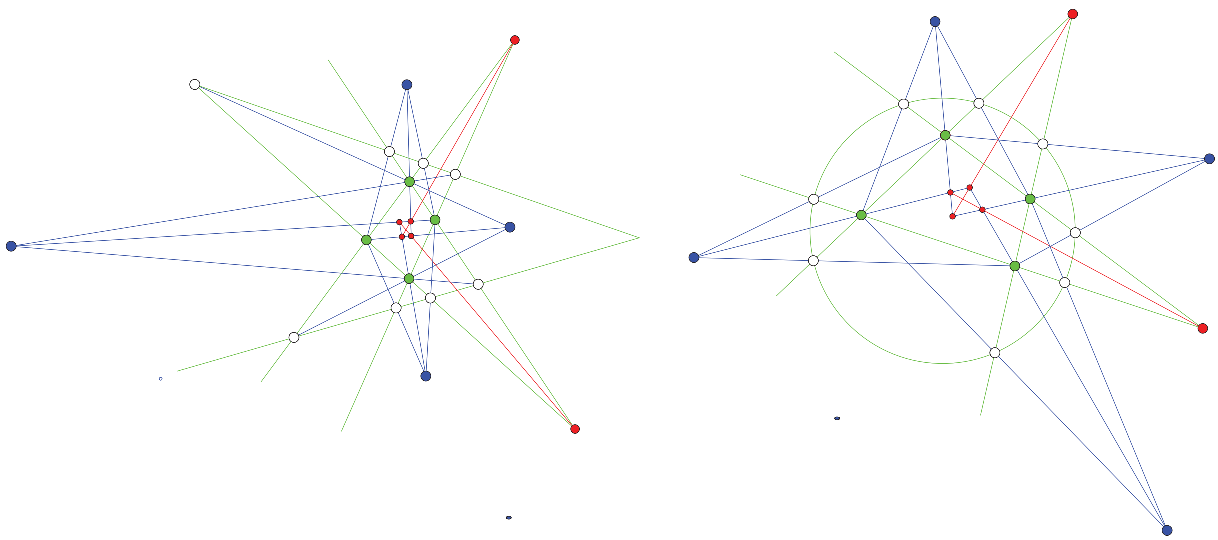
$$Hida(67)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{16_{\mathrm{D}}} + \frac{1}{21_{T}} + \frac{1}{48_{mi}} = \frac{1}{2}$$

$$Hida(68)\quad \frac{1}{28_{HeY}} + \frac{1}{3_{M}} + \frac{1}{18_{\mathrm{D}}} + \frac{1}{21_{T}} + \frac{1}{36_{mi}} = \frac{1}{2}$$

Theorem 3. RED Rose line Theorem and Circle Thoerem

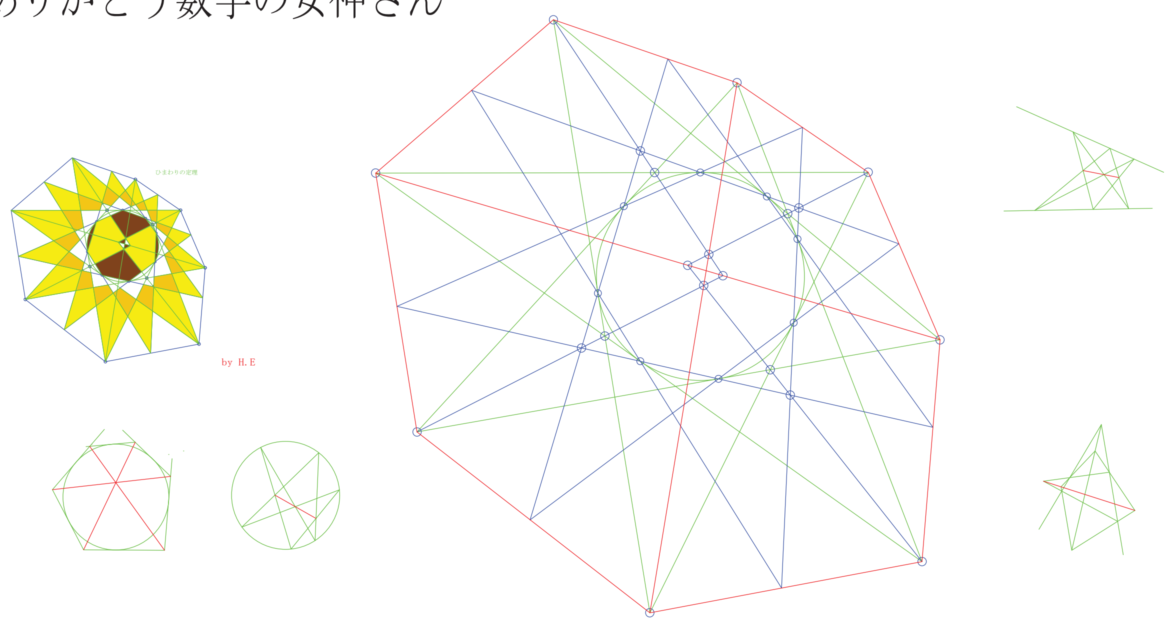


Theorem 4 Blue Rose line theorem and Circle theorem

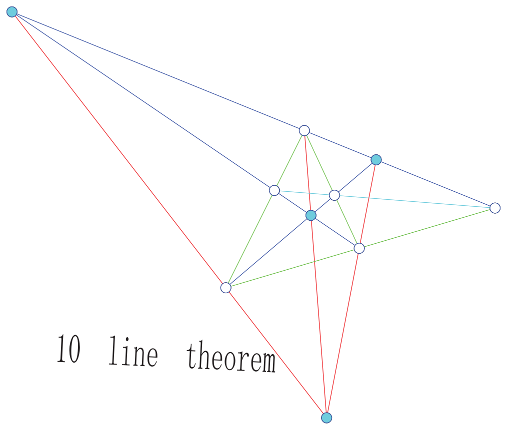


ありがとう数学の女神さん

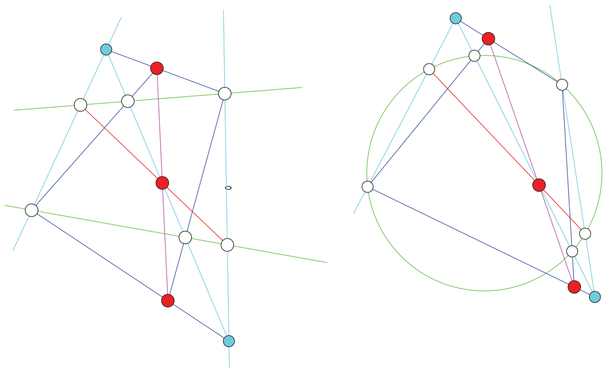
Sun flower Theorem



Thank you for all

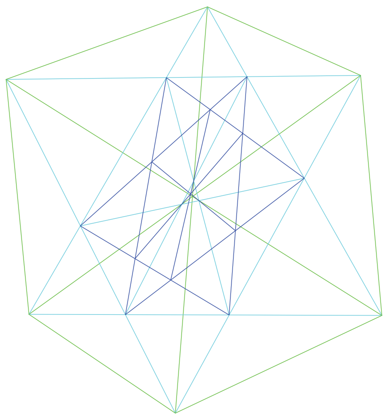


10 line theorem

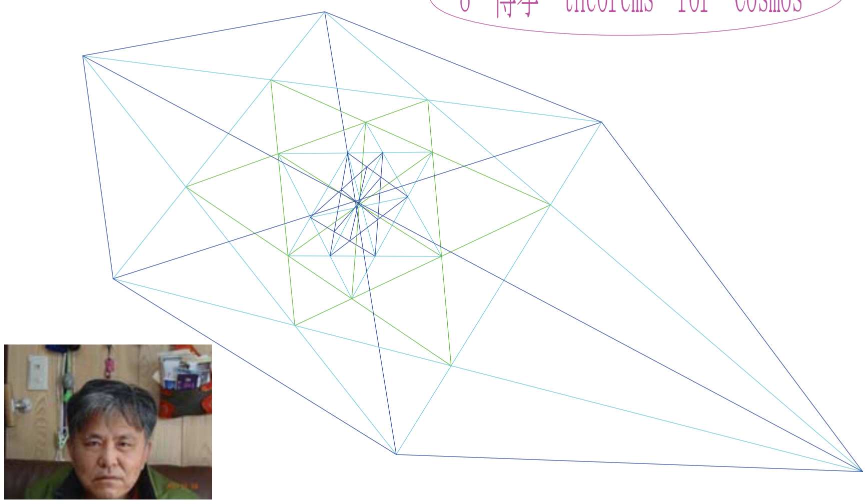


Theorem 2. 11 lines line Theorem and Circle Thoerem

Hexagon Star Theorem

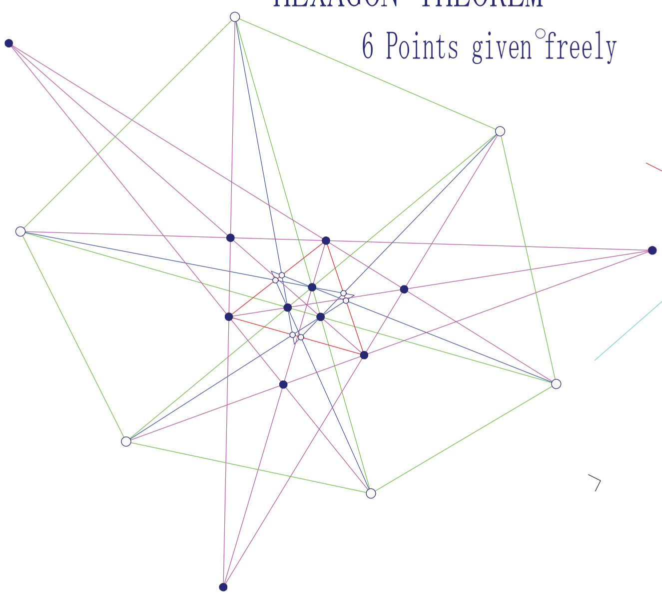


8 博孝 theorems for Cosmos

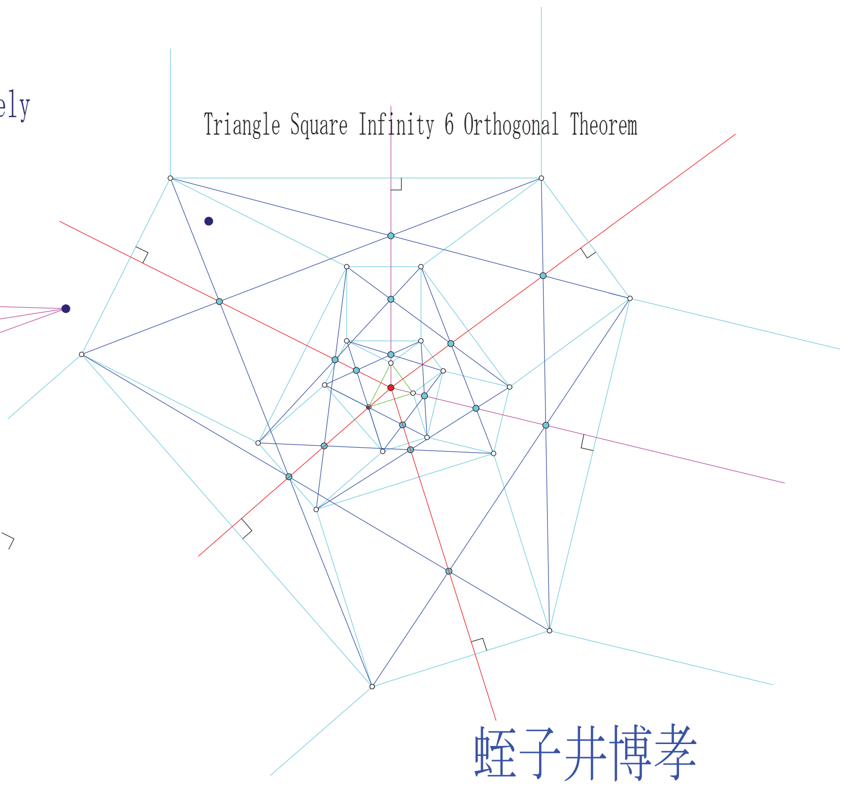


HEXAGON THEOREM

6 Points given freely



Triangle Square Infinity 6 Orthogonal Theorem



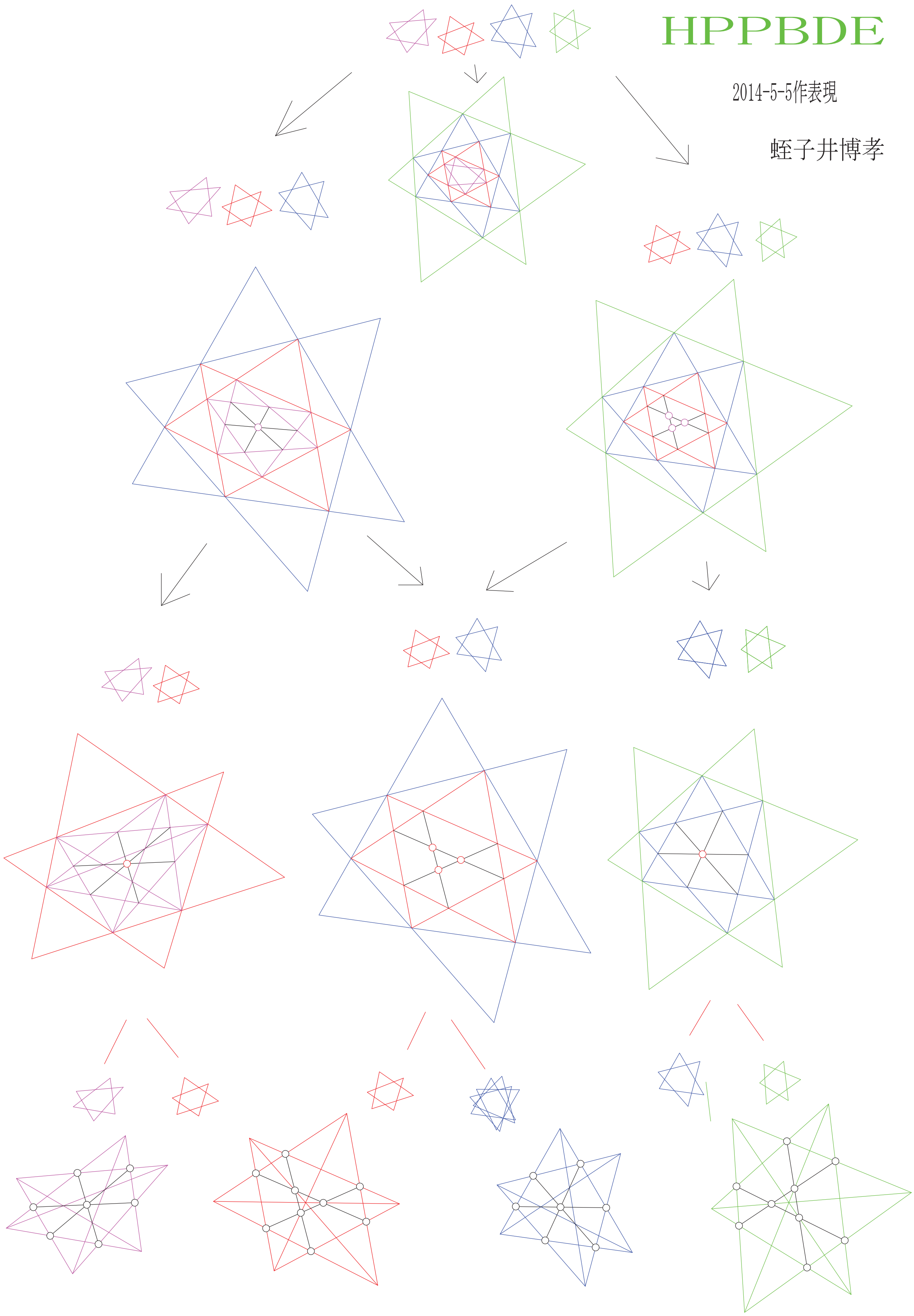
蛭子井博孝

星形連鎖公理　三角-点　交互無限連鎖

HPPBDE

2014-5-5作表現

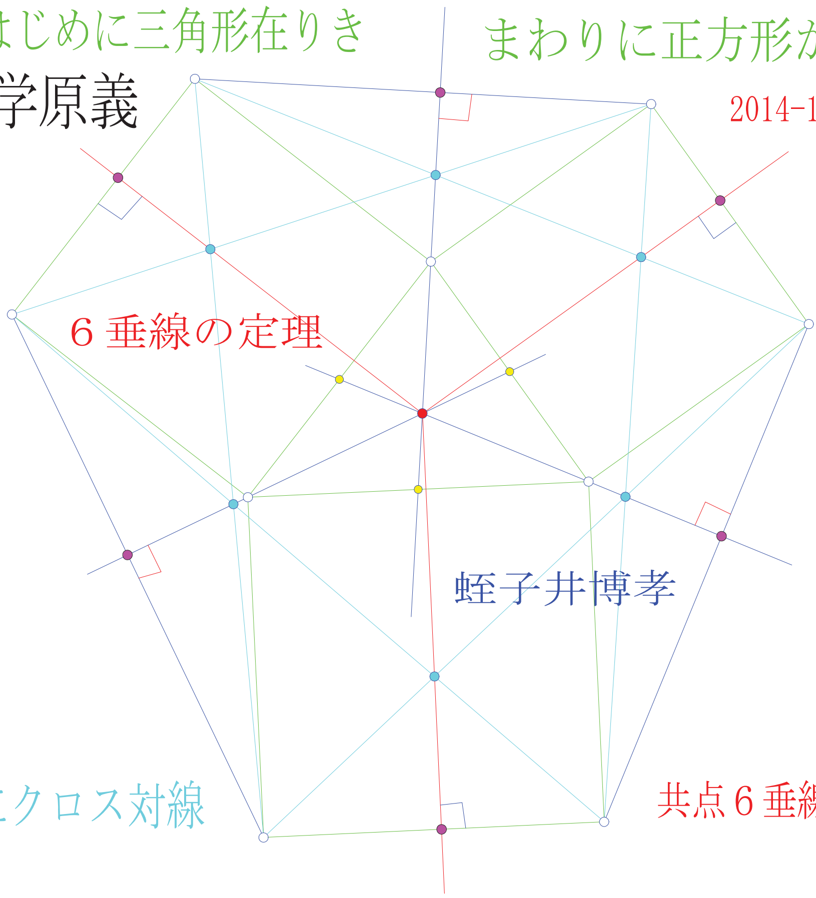
蛭子井博孝



幾何数学原義

はじめに三角形在りき　まわりに正方形が供

2014-1-3　清書



そこにクロス対線

共点６垂線有り

幾何数学原義２.

Collinear NOTE no. 9

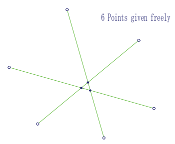
HEZ−0020

ICGG K-JH

HEXAGON THEOREM

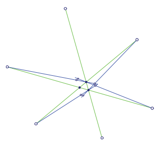
6 Points given freely

6点を2つずつ結びと③交点できる.



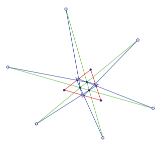
HEZ-0021

青線とひく。2交点を作る



HEZ-0022

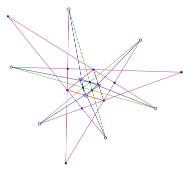
2交点を3つから赤三角形を作る

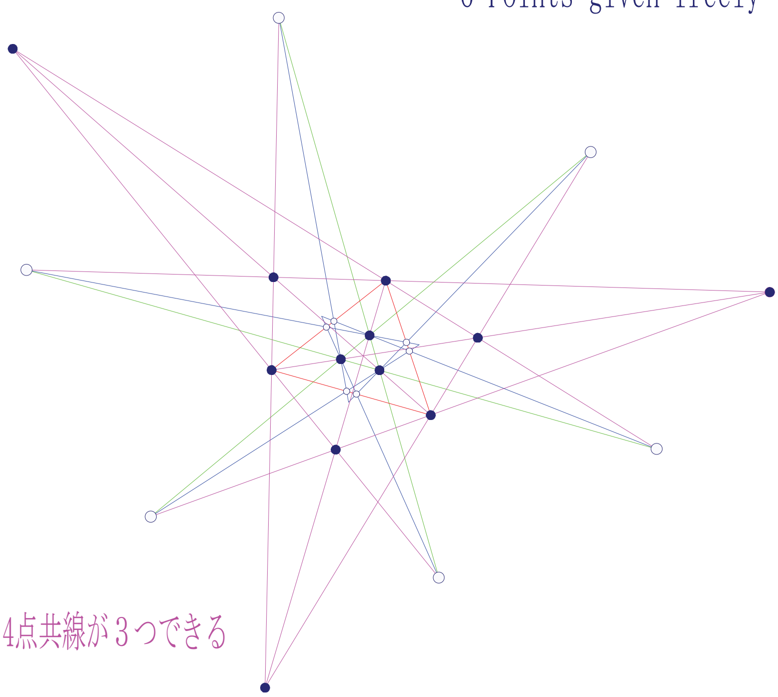


HEZ-0023

赤三角形の頂点と初めの点を結び、

マゼンタの2直線から交点を作る

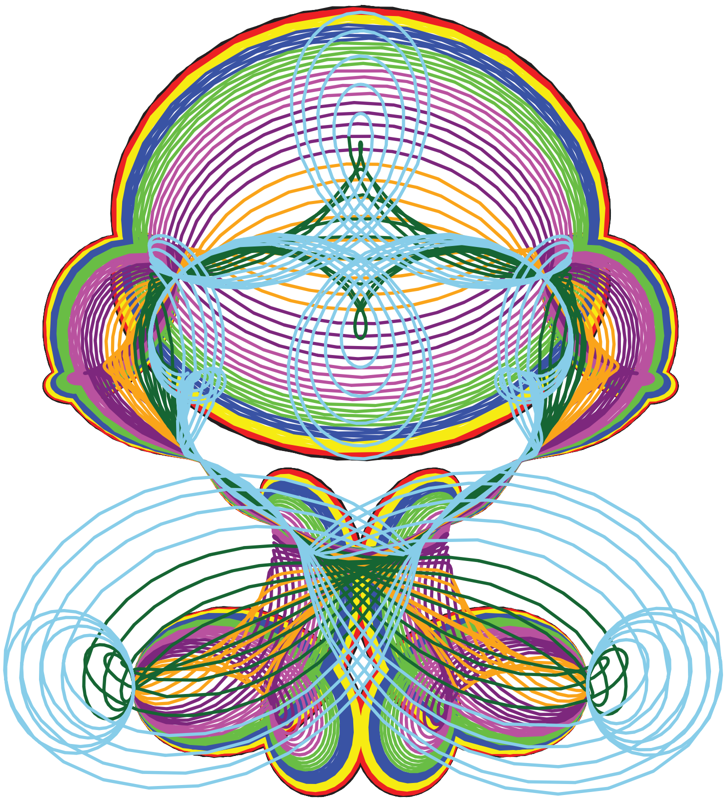




4点共線が３つできる

Hirotaka Ebisui

Pachikuri AKISOYOGU by H.E



$$BGT = \text{"05-25 (11:39:35 PM)"},\ [80],\ HEB = [8, 5, 2]$$

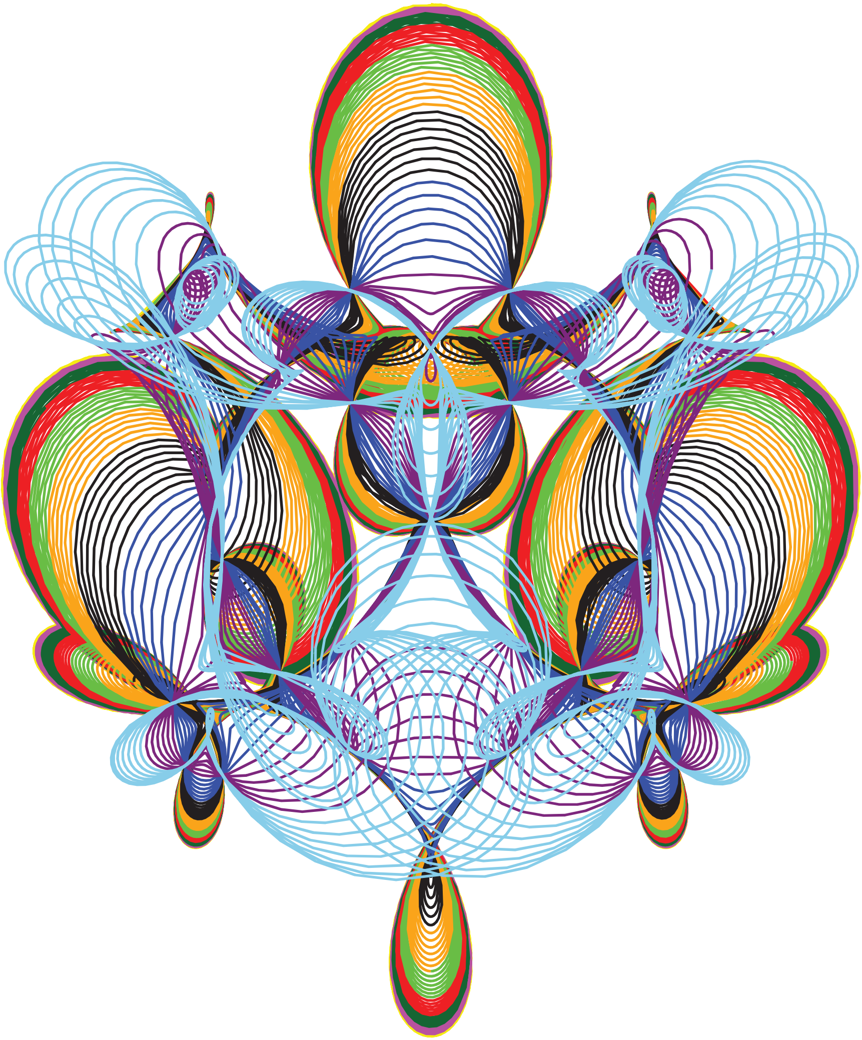
$$X = \sin\left(\frac{1383}{10}\,t\right) + \sin\left(\frac{1844}{5}\,t\right)\cos\left(\frac{461}{2}\,t\right)\cos\left(\frac{461}{5}\,t\right)\cos\left(\tan\left(\frac{1}{5}\,t\right)\right)$$

$$Y = \cos\left(\frac{461}{5}\,t\right) + \cos\left(\frac{1844}{5}\,t\right)\cos\left(\frac{461}{2}\,t\right)\cos\left(\frac{461}{5}\,t\right)\cos\left(\tan\left(\frac{1}{5}\,t\right)\right)$$

$$\left[t = 0\,..2\,\pi,\ st = \frac{1}{10}\right],\ \text{蛭子井博孝}$$

"2015-05-25 (11:39:35 PM)" **(4)**

\>

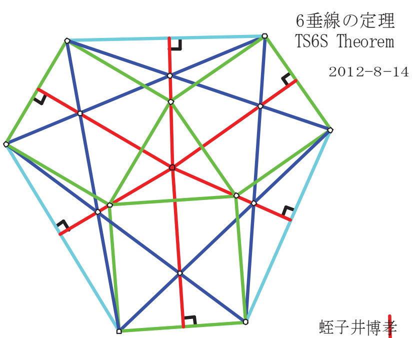


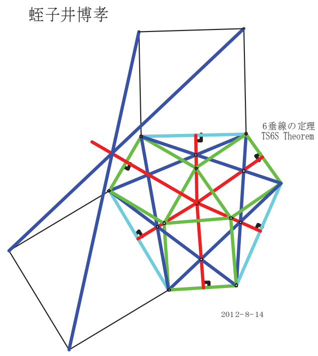
$Hi_8 - Equ$
$$X = \sin(126\,s) + \sin(378\,s)\cos(315\,s)\cos(630\,s)\cos\left(\tan\left(\frac{1}{5}\,s\right)\right)$$

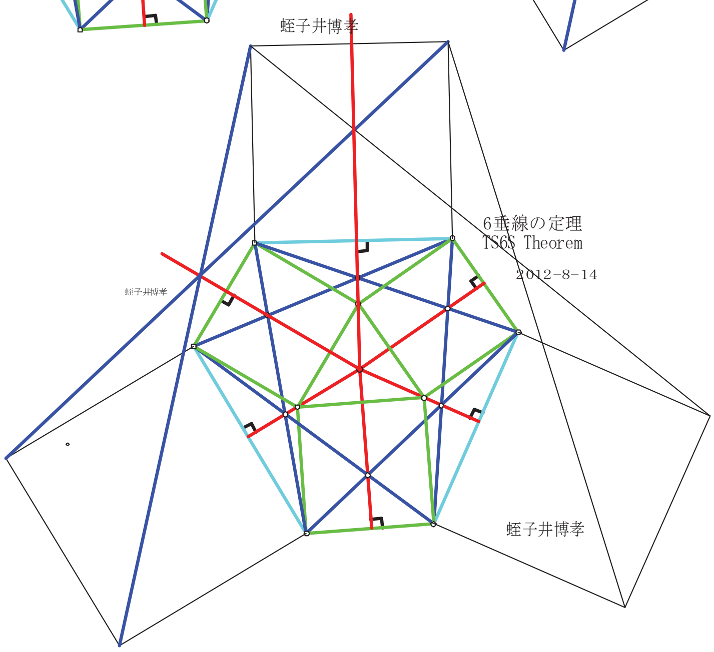
$Hi_{2432} - Equ$
$$Y = \cos(189\,s) + \cos(378\,s)\cos(315\,s)\cos(630\,s)\cos\left(\tan\left(\frac{1}{5}\,s\right)\right)$$

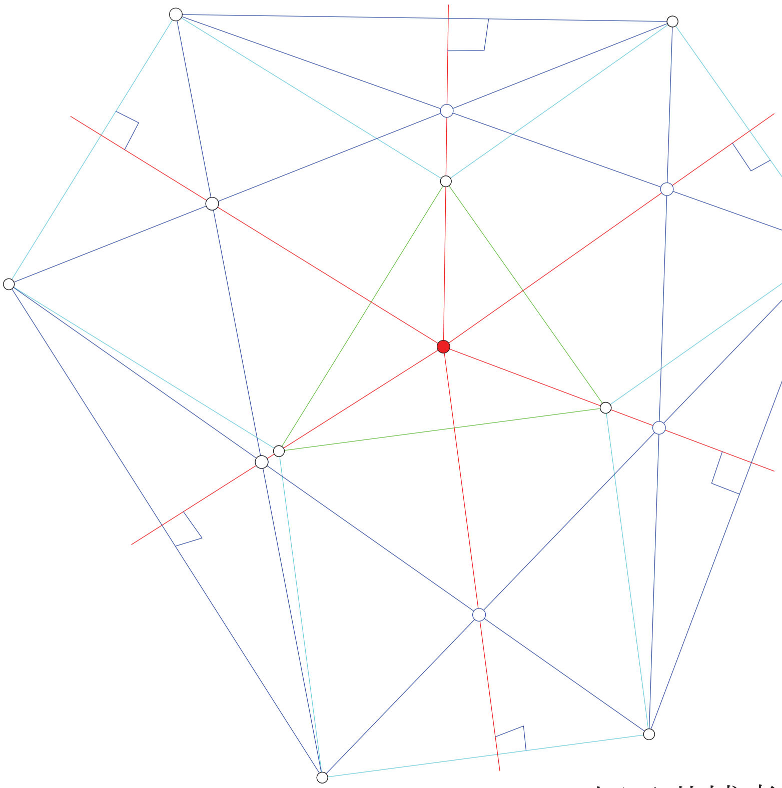
【6 垂線の定理】　　　　　　　　　　　　　　　　　　　　蛭子井博孝発見定理

まず、任意の形の三角形の各辺を一辺とする正方形（緑）を 3 つ描く。
次に、三角形の各辺に平行な 3 つの正方形の 3 辺について考える。
3 つの辺の両端点を対角に図のように結び、6 本の線（青線）の 6 交点を創る。
さらに、三角形の外側の 3 つの正方形の端点を結び、外郭 6 角形を描く。
先ほどの 6 点より、その 6 角形の最近側の辺に、図のように垂線を下す.
その 6 本の垂線の逆延長の交点は、ただ 1 点になる。これを 6 垂線の定理という。
これは、さらに、外側に図のように正方形を追加していき、無限に拡張できる。
このとき、新しくできる、対角点は、はじめの 6 垂線の延長線上にある。



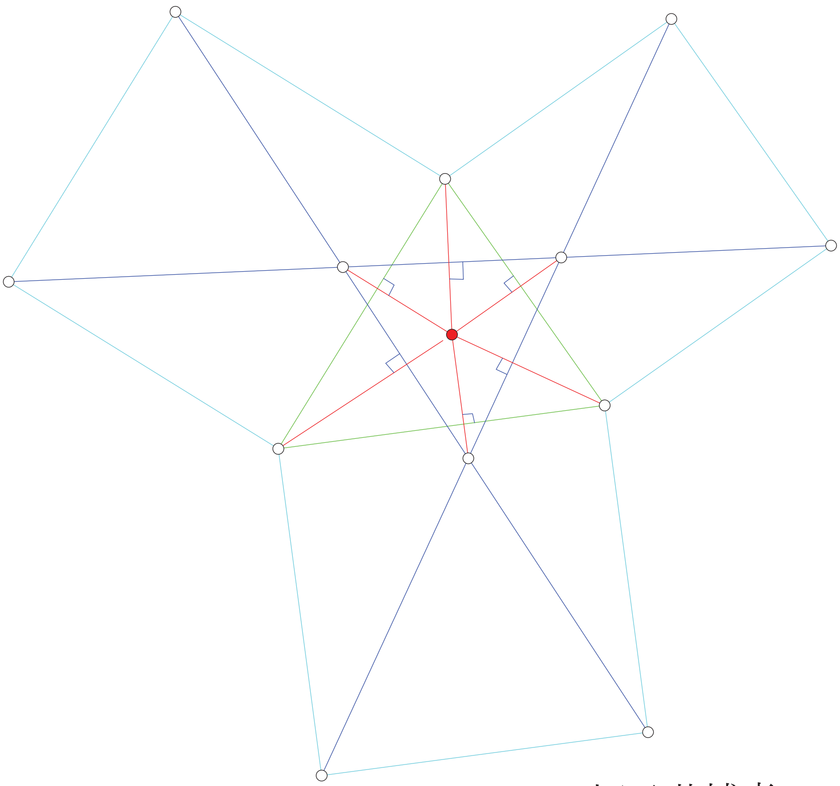






蛭子井博孝

6垂線の定理

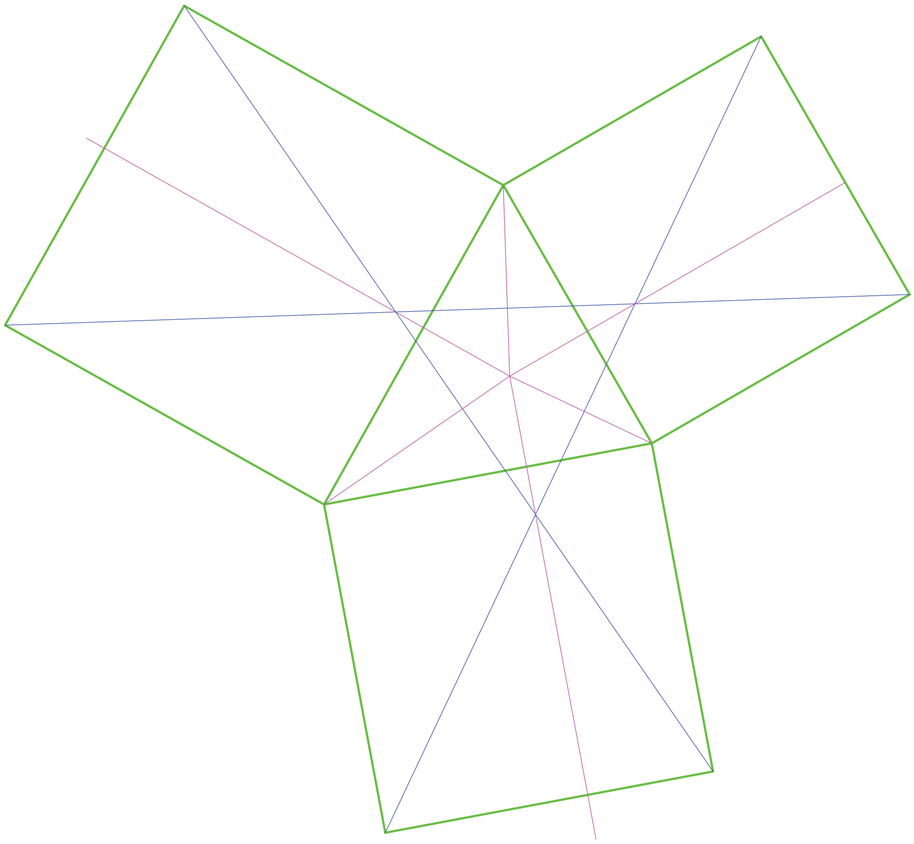


蛭子井博孝

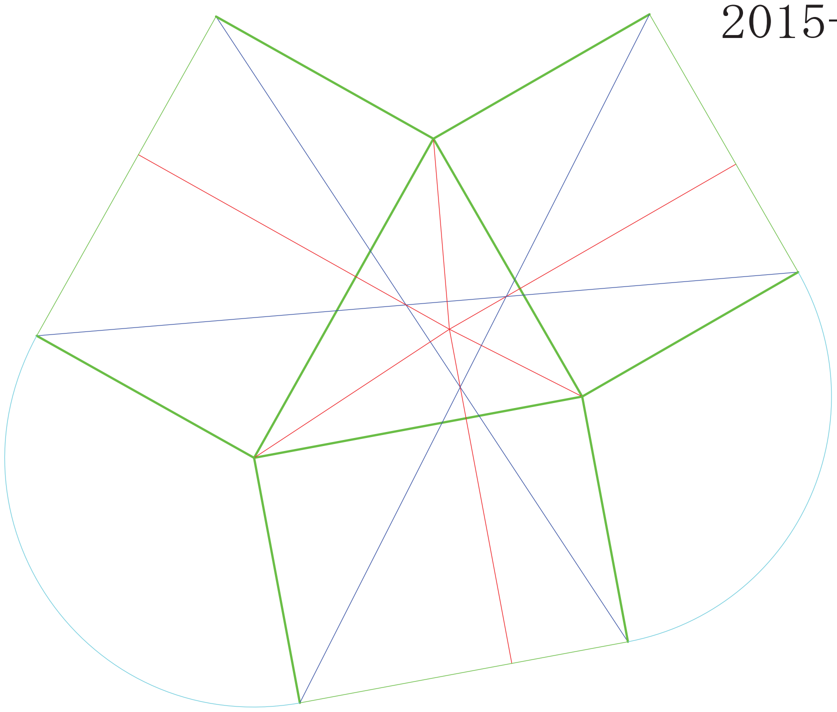
スター6垂線の定理

6垂線共点第二定理

2015-4-14



2015-8-1



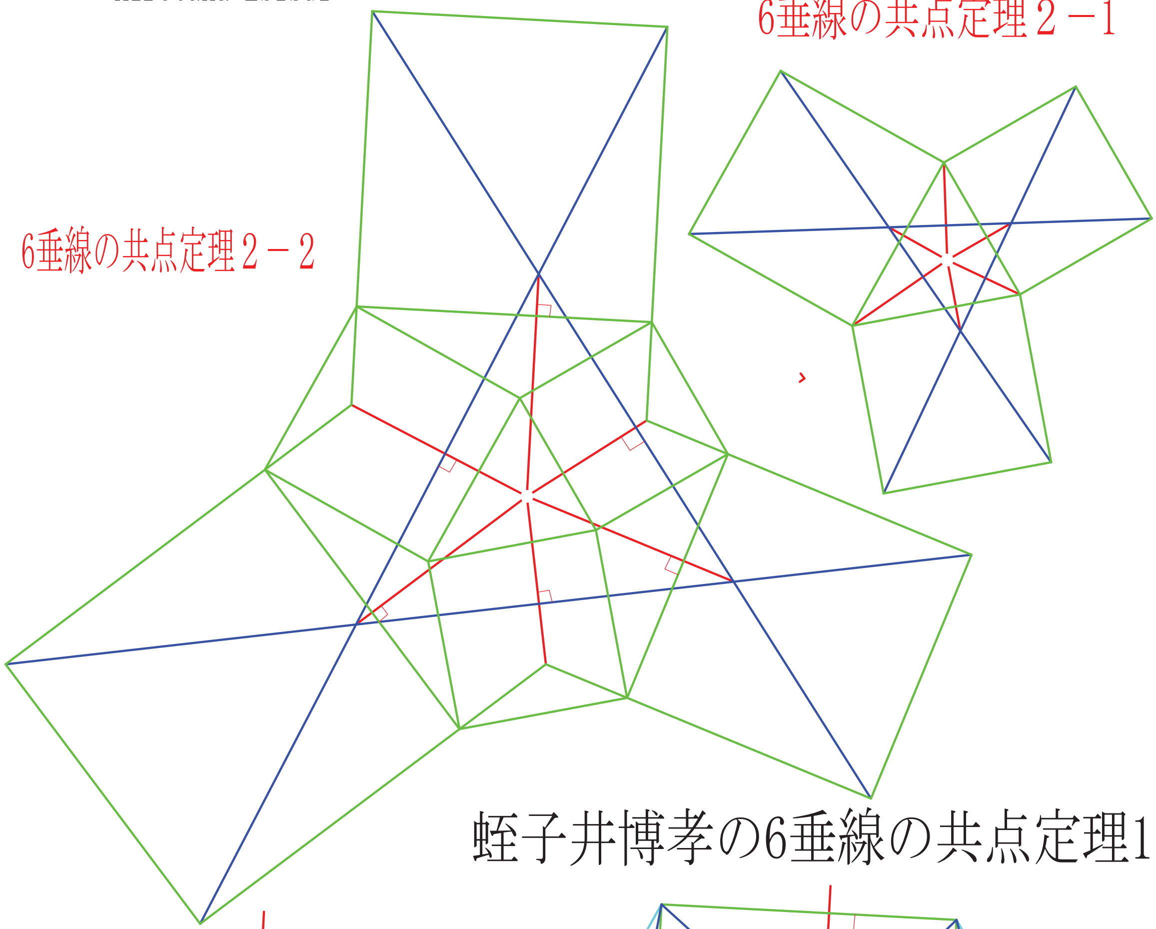
蛭子井博孝

6 Orthogonal line s concurrent Theorems　２０１５ー4-１４清書

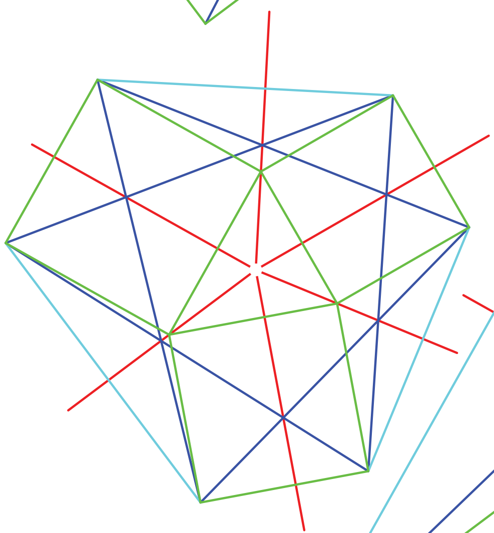
Hirotaka Ebisui

6垂線の共点定理２－1

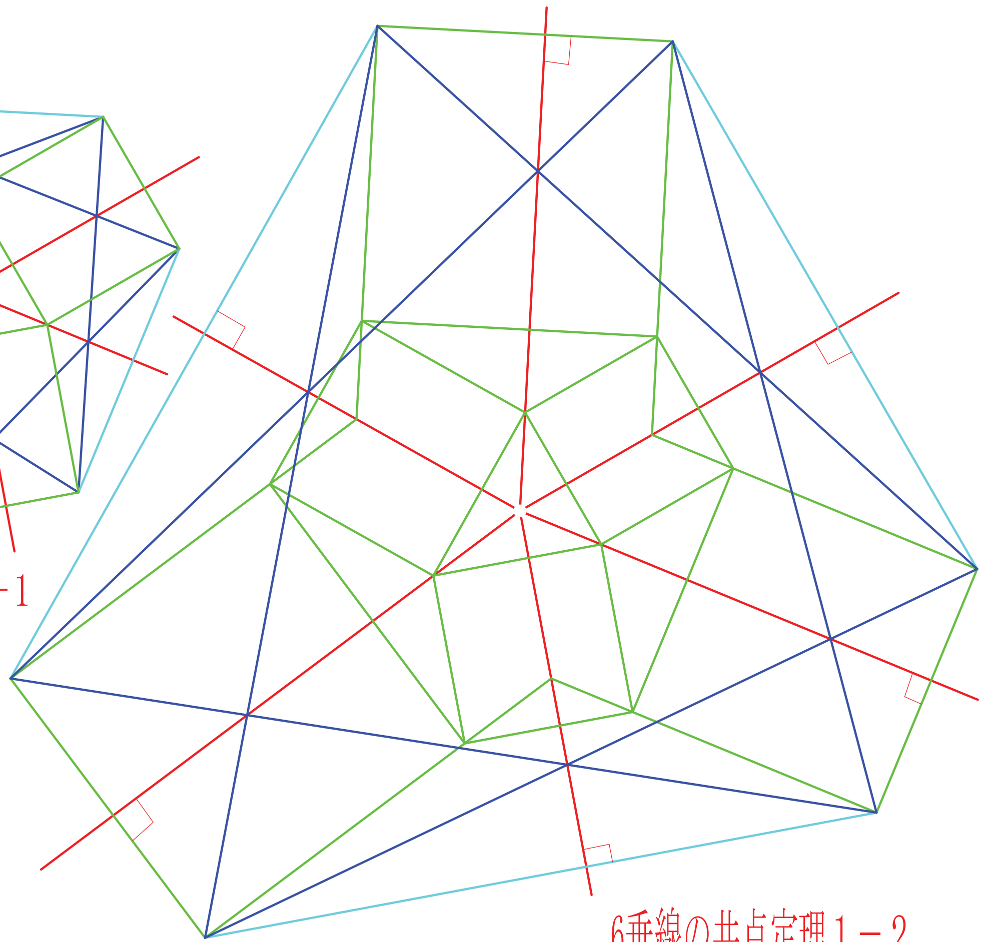
6垂線の共点定理２－２



蛭子井博孝の6垂線の共点定理1、２



6垂線の共点定理1－1

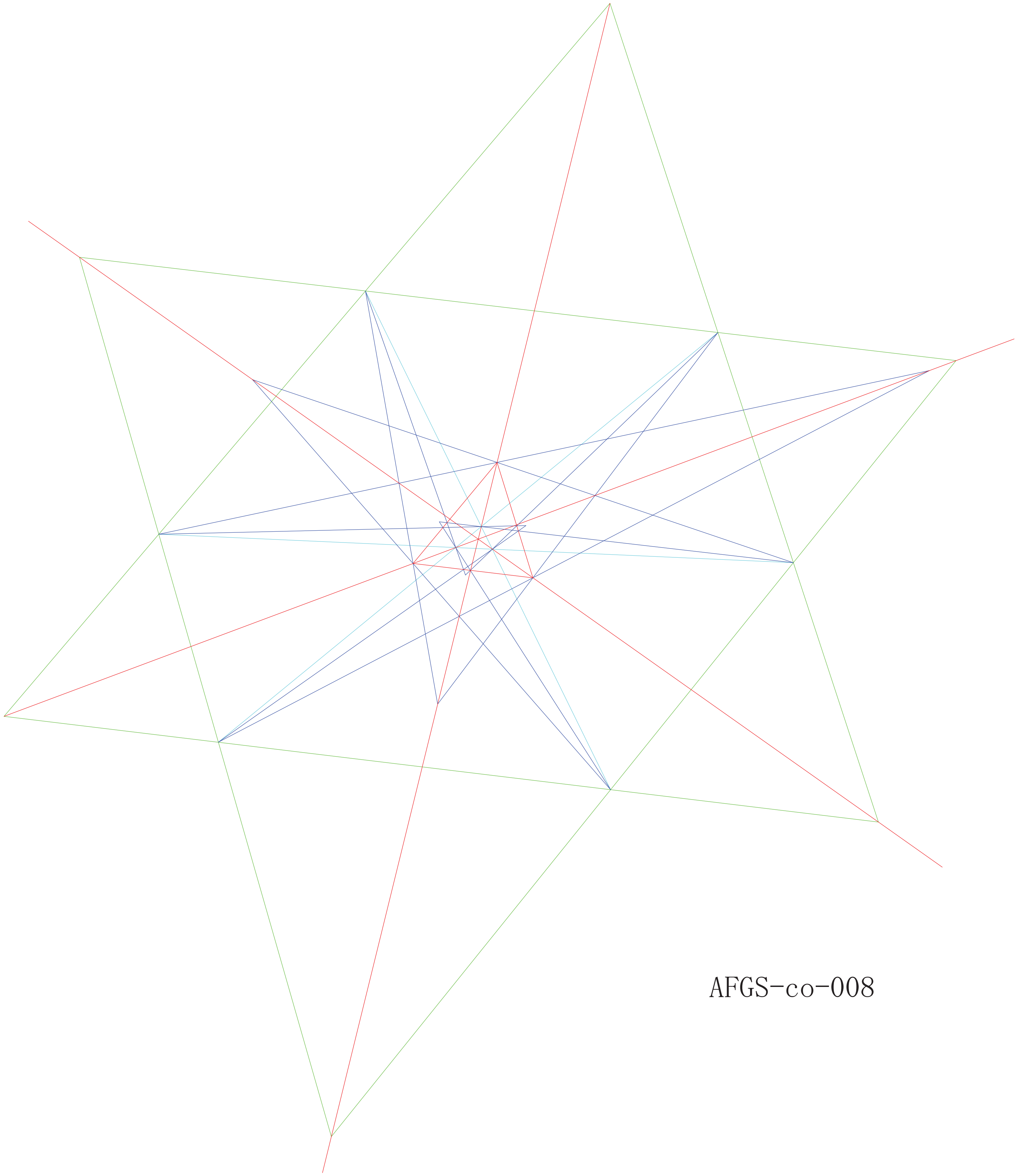


6垂線の共点定理1－２

AFGS-ortho-005

Collinear Second NOTE No. 8

Hirotaka Ebisui



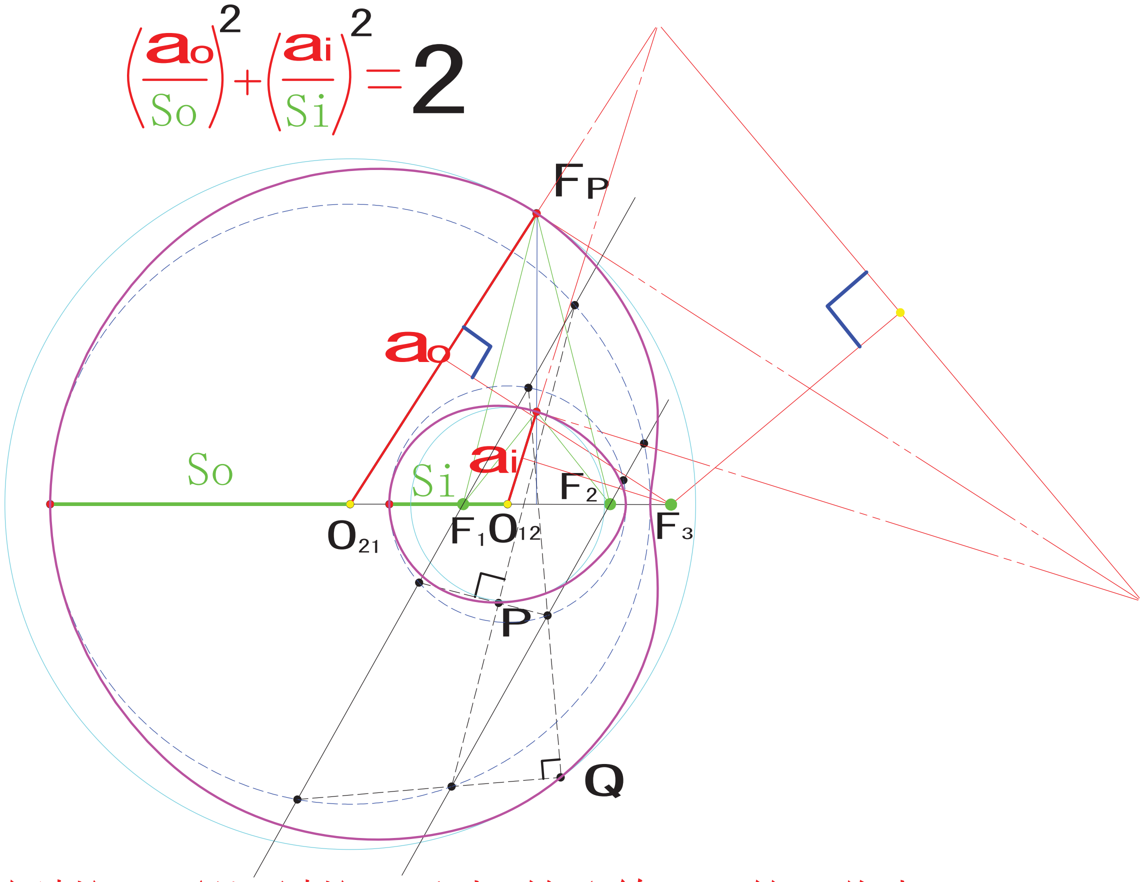
AFGS-co-008

Example Theorem In Doval of Orthogonal line Theorems

Hirotaka Ebisui

Doval不変式

$$\left(\frac{a_o}{So}\right)^2+\left(\frac{a_i}{Si}\right)^2=2$$

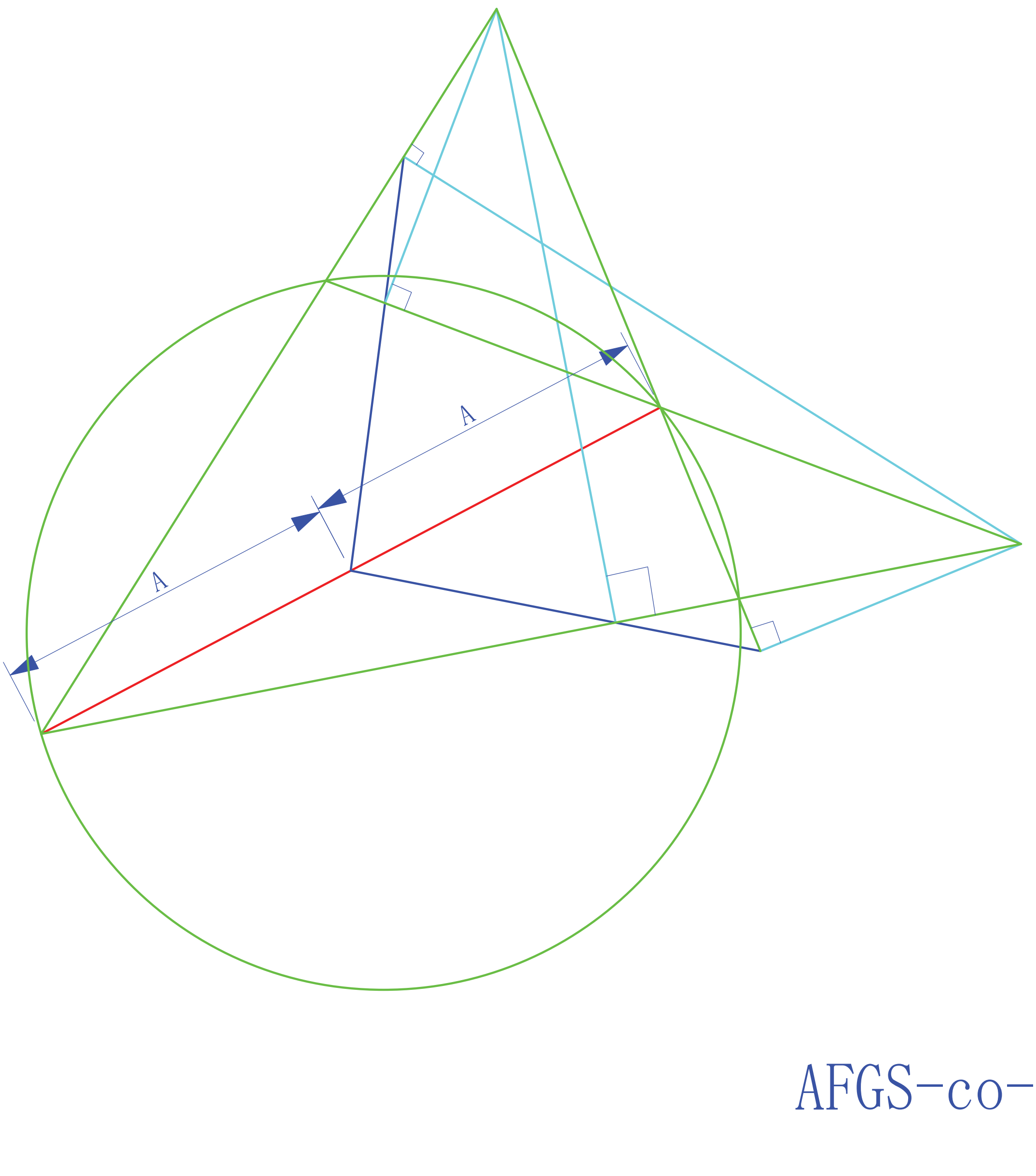


ai(内短軸),ao(外長軸)の垂直2等分線は、第３焦点を通る

AFGS ORTH-001

Collinear Second NOTE No.2

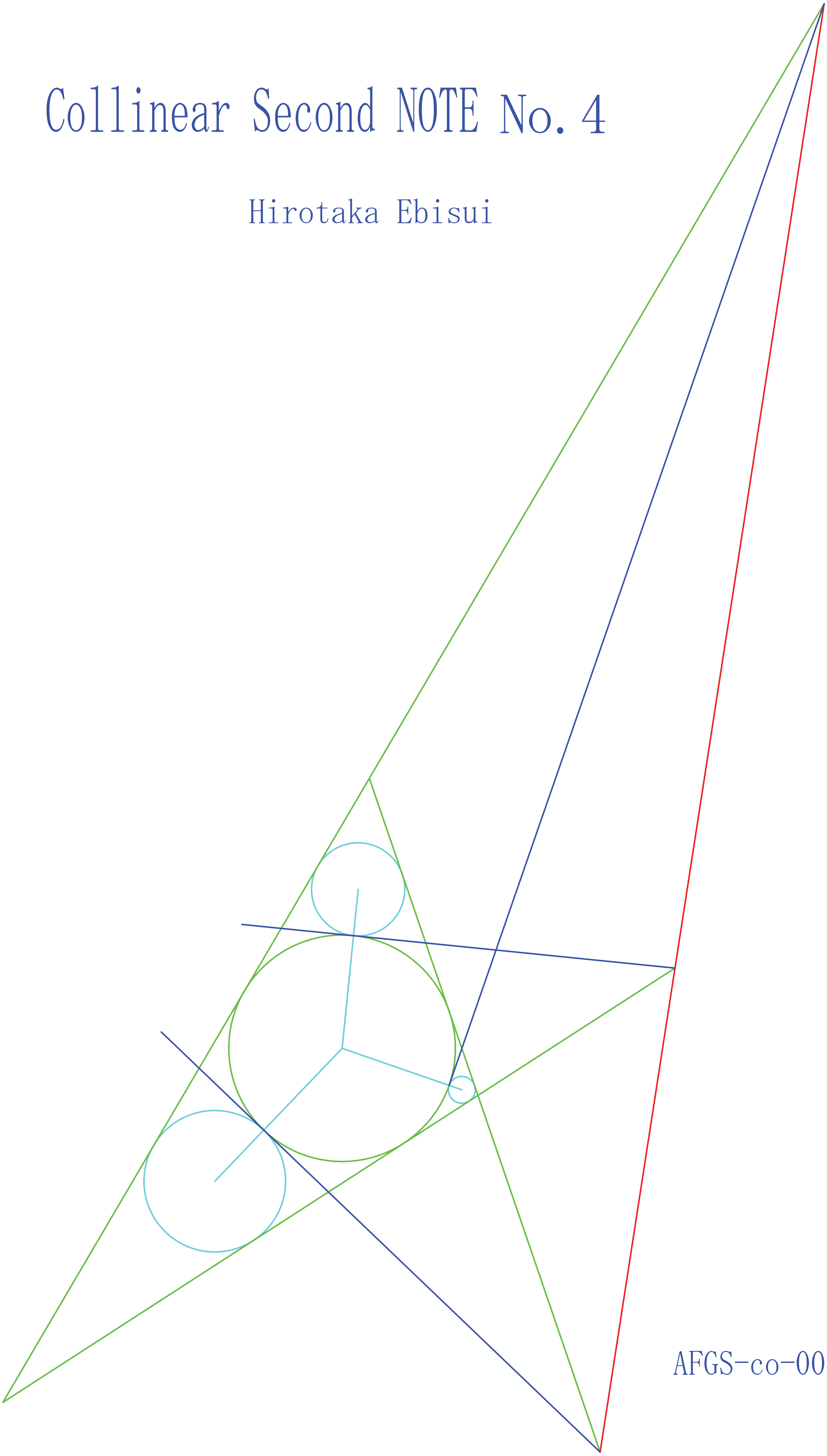
Hirotaka Ebisui



AFGS-co-002

Collinear Second NOTE No. 4

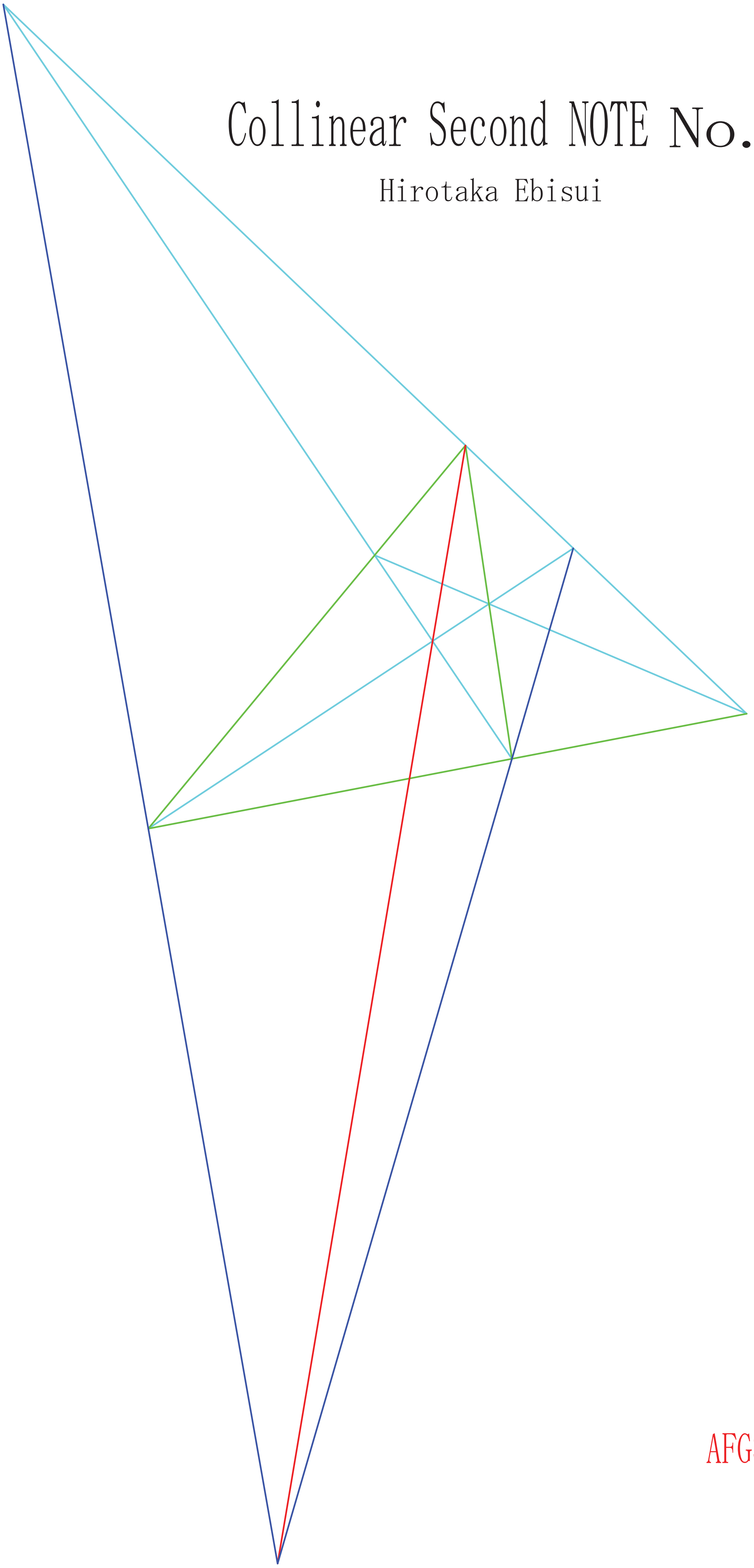
Hirotaka Ebisui



AFGS-co-004

Collinear Second NOTE No. 5

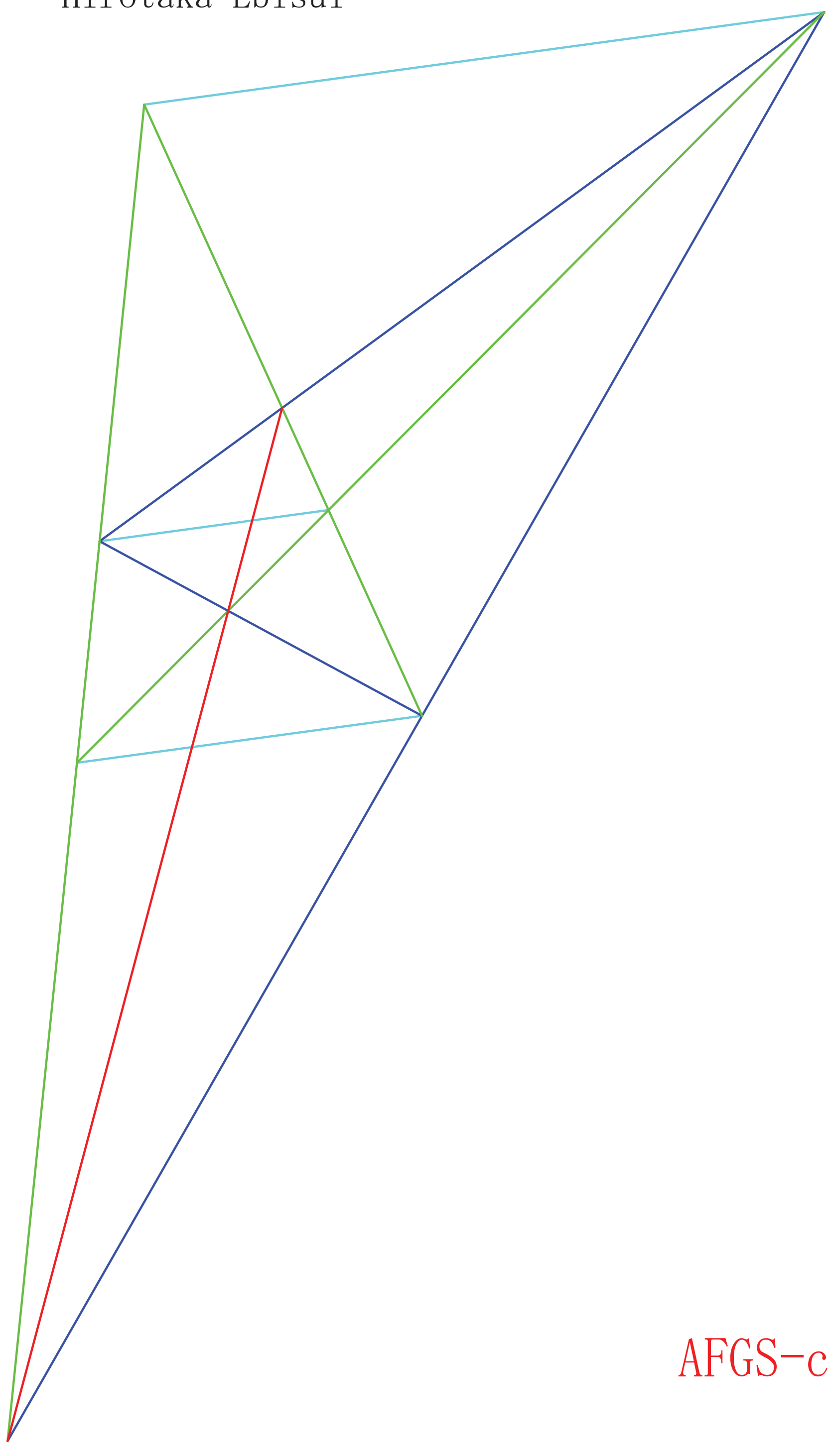
Hirotaka Ebisui



AFGS-co-005

Collinear Second NOTE No. 7

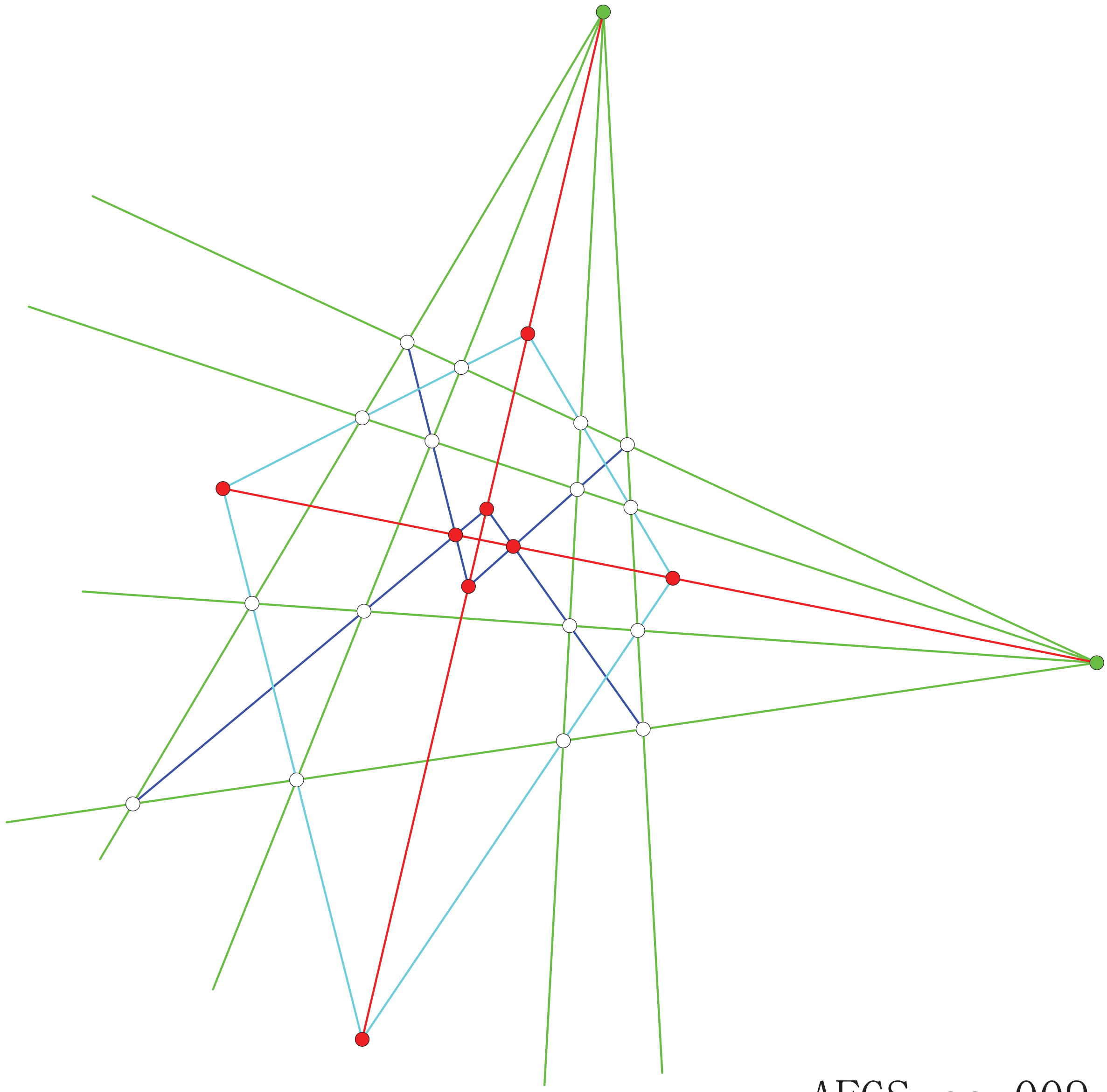
Hirotaka Ebisui



AFGS-co-007

Collinear Second NOTE No. 9

Hirotaka Ebisui

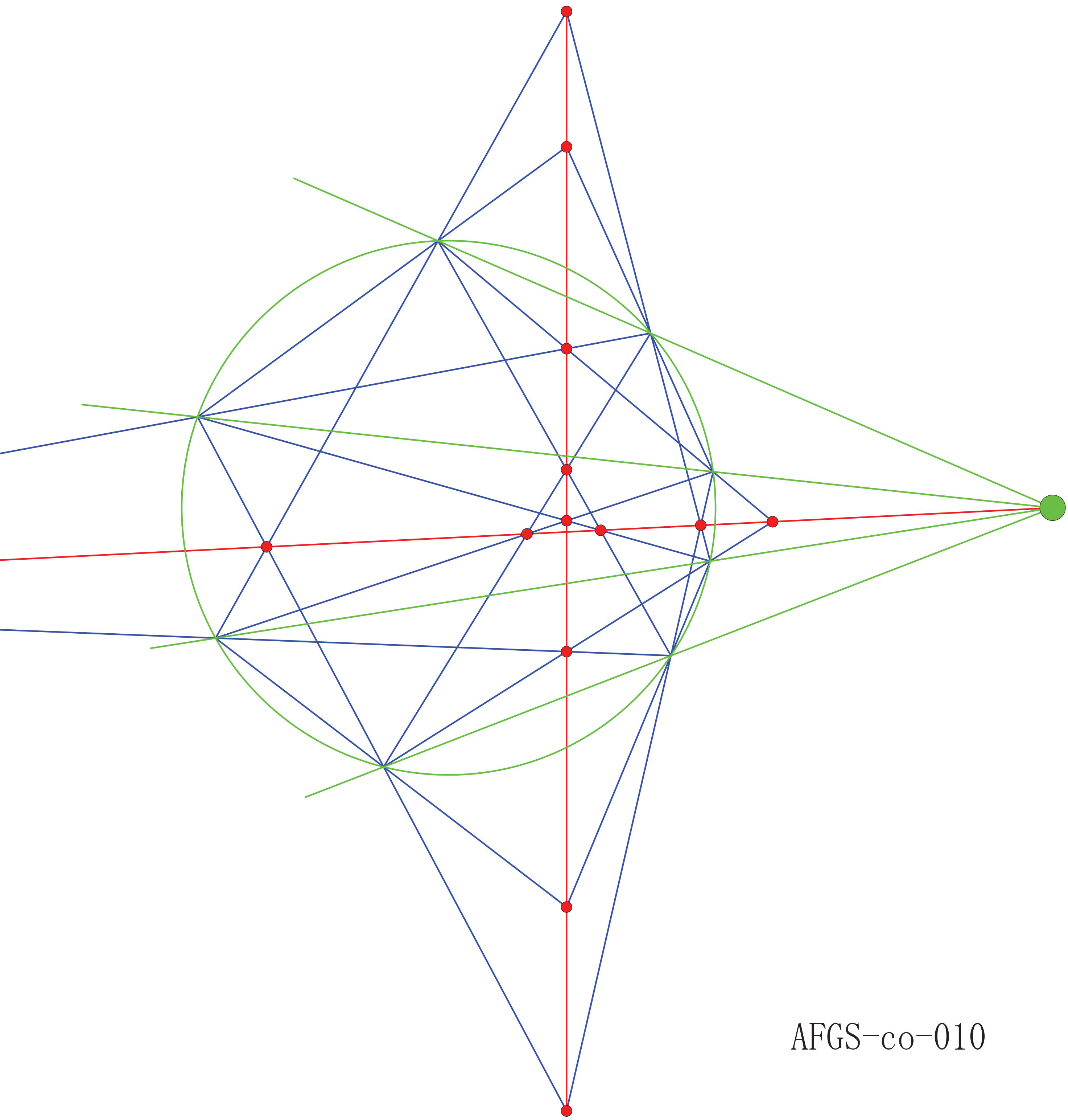


AFGS-co-009

Collinear Second NOTE No.10

Hirotaka Ebisui

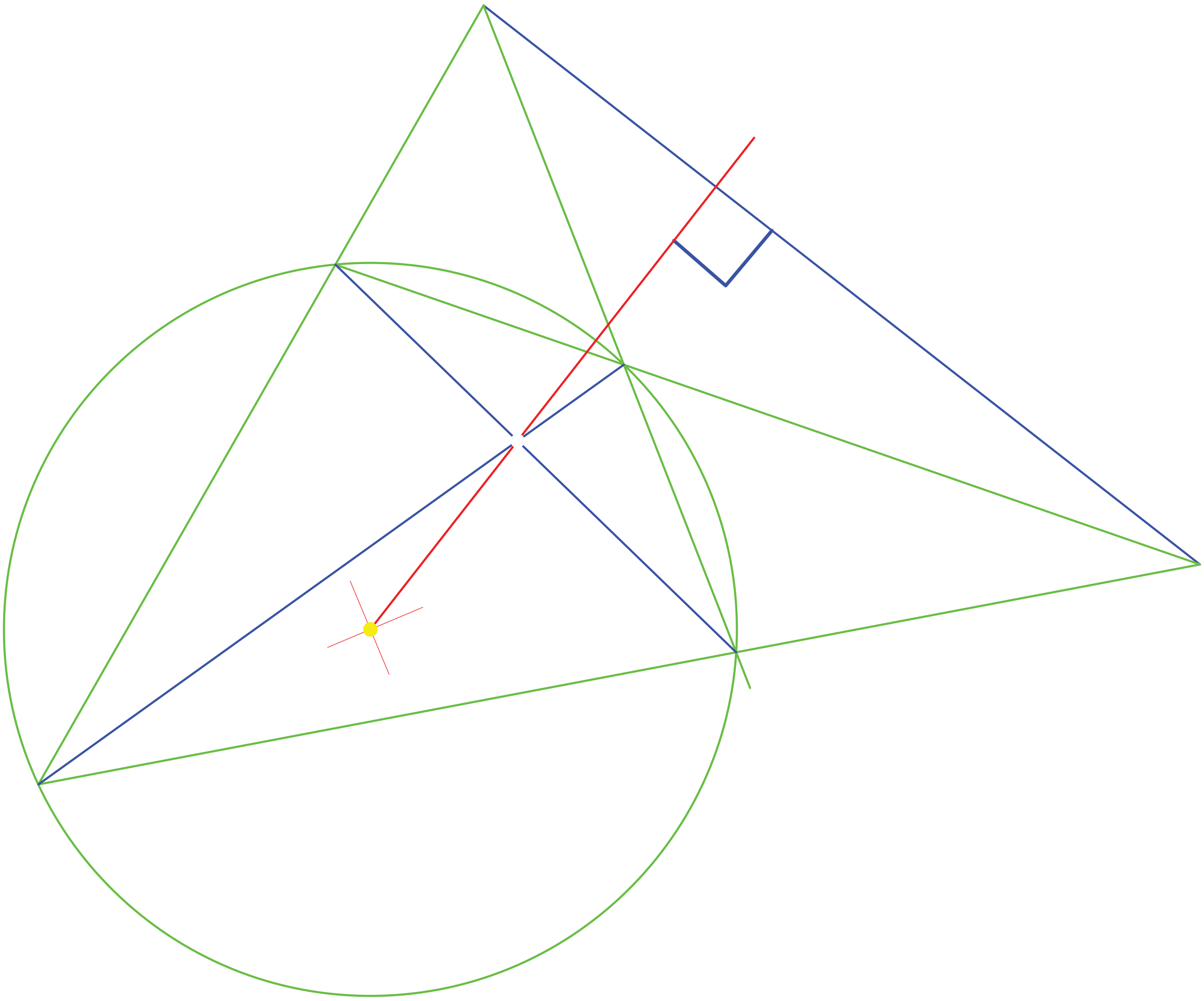
87(はな)の定理　2015-5-15



AFGS-co-010

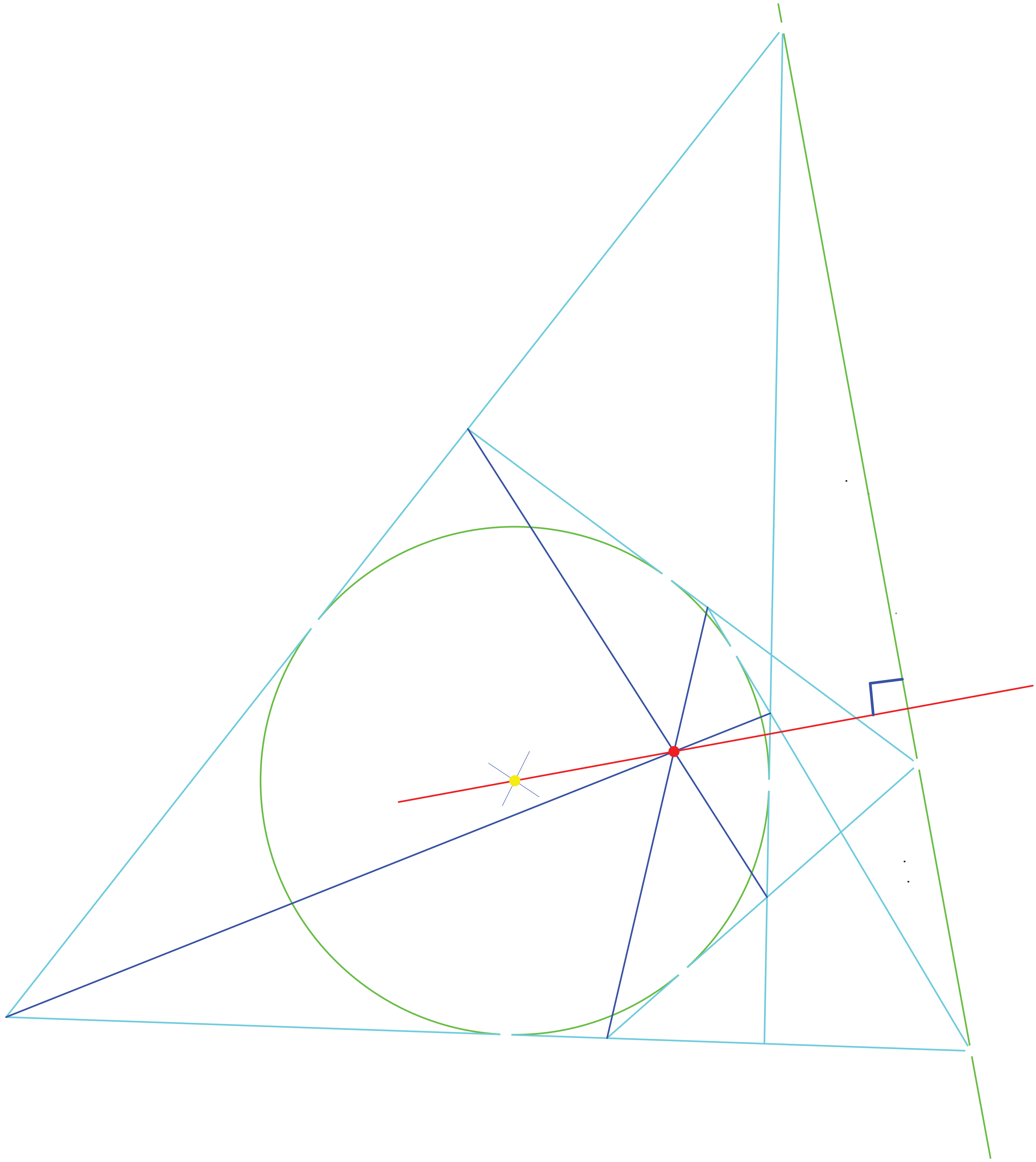
Example 1 of Orthogonal line Theorems

Hirotaka Ebisui



AFGS-ortho-002

Example 2 of Orthogonal line Theorems

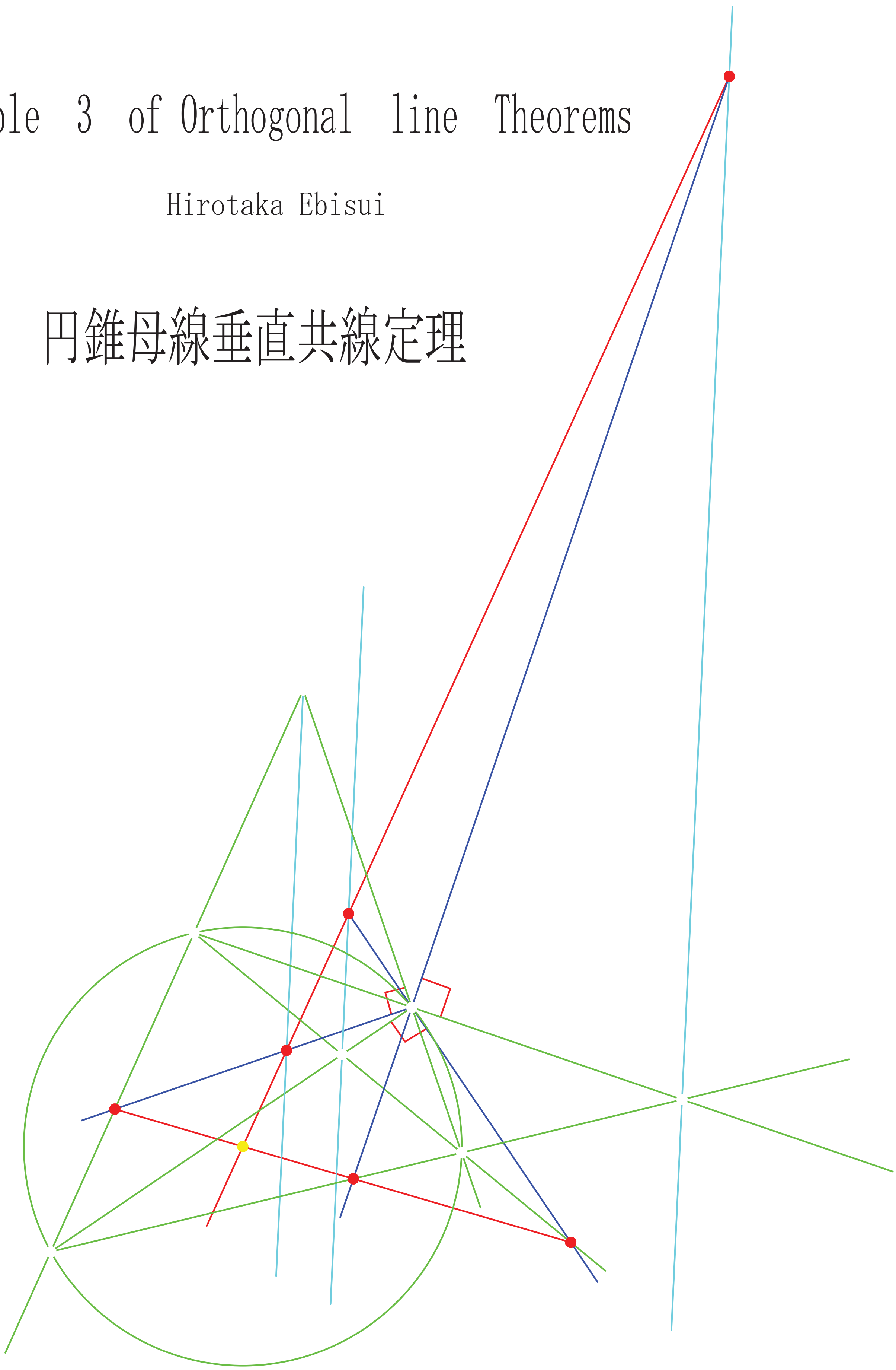


AFGS-ortho-003

Example 3 of Orthogonal line Theorems

Hirotaka Ebisui

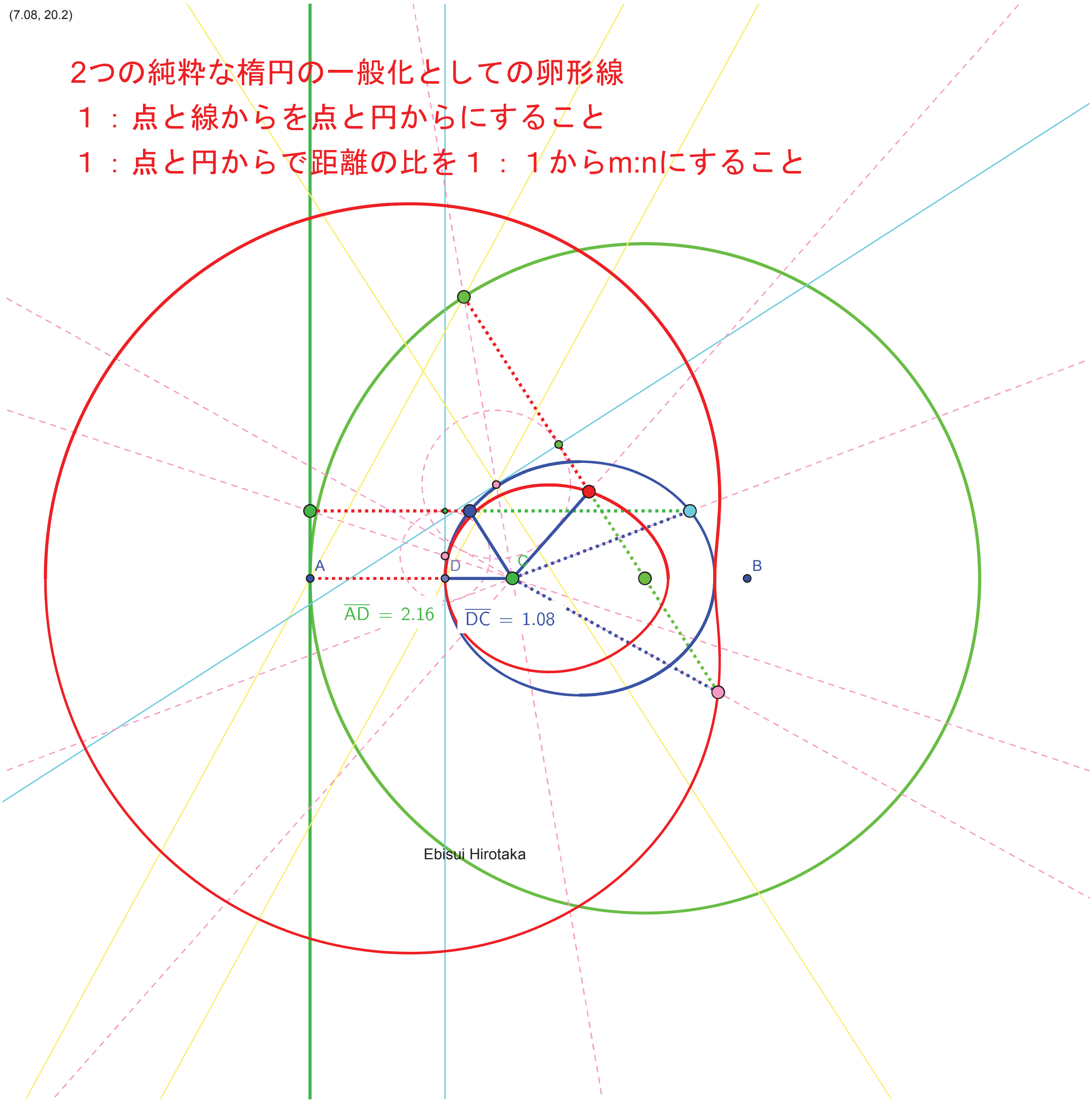
円錐母線垂直共線定理



AFGS-ortho-004

点と線から（点と円から）１：２(m:n)のとき楕円と（卵形線）（日本数学

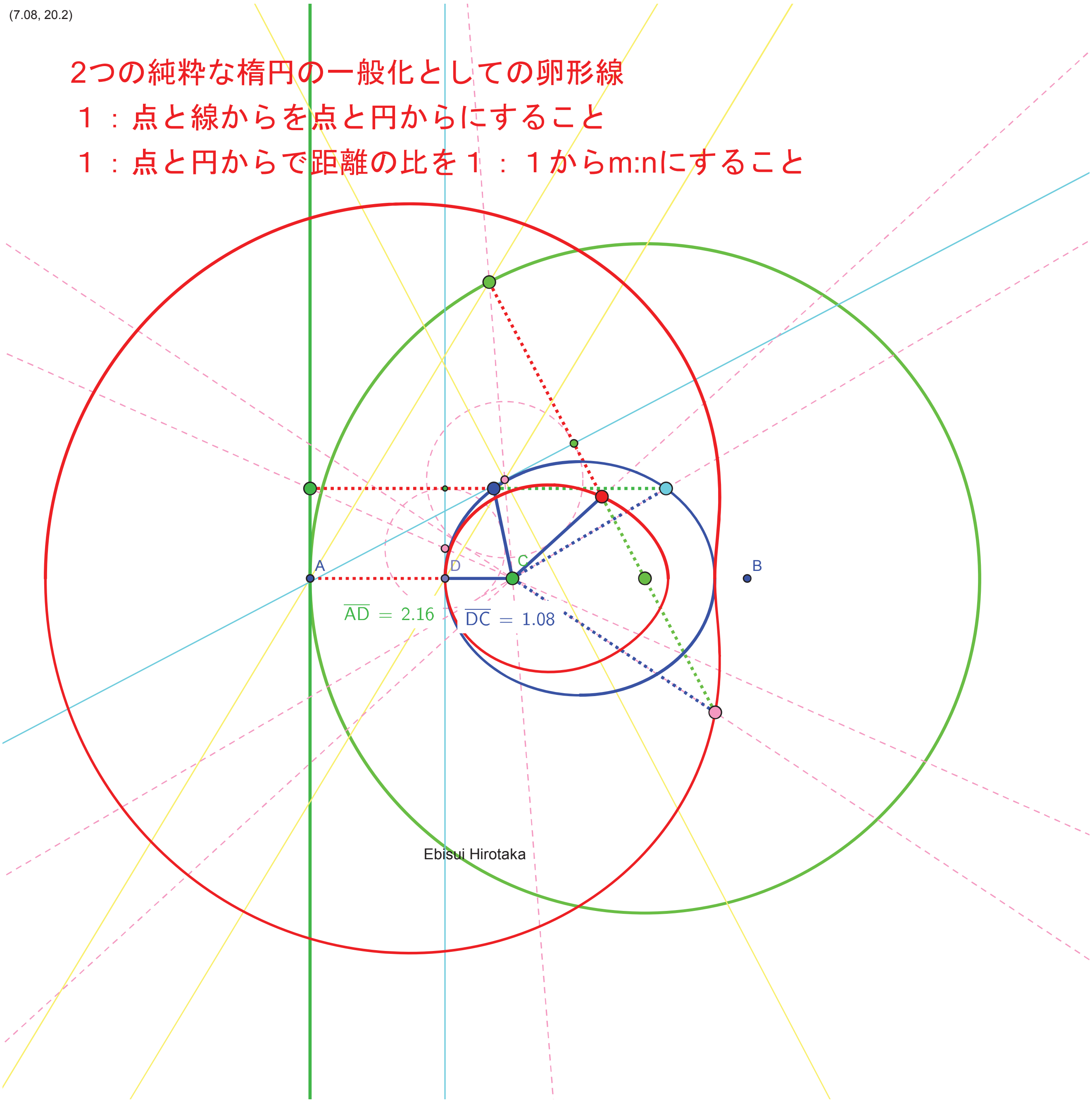
蛭子井博孝



点と線から（点と円から）１：２(m:n)のとき楕円と（卵形線）（日本数学

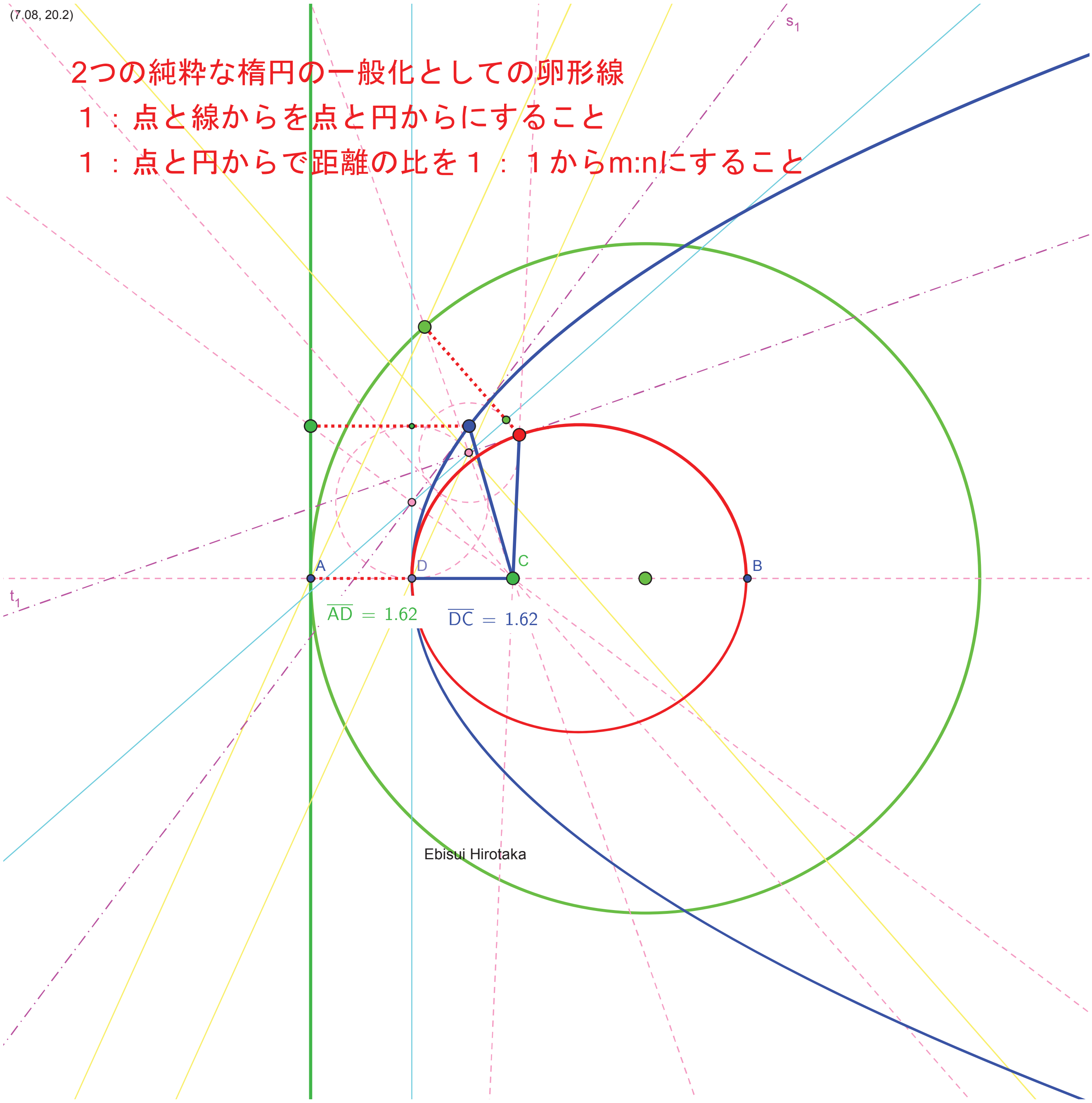
蛭子井博孝

(7.08, 20.2)



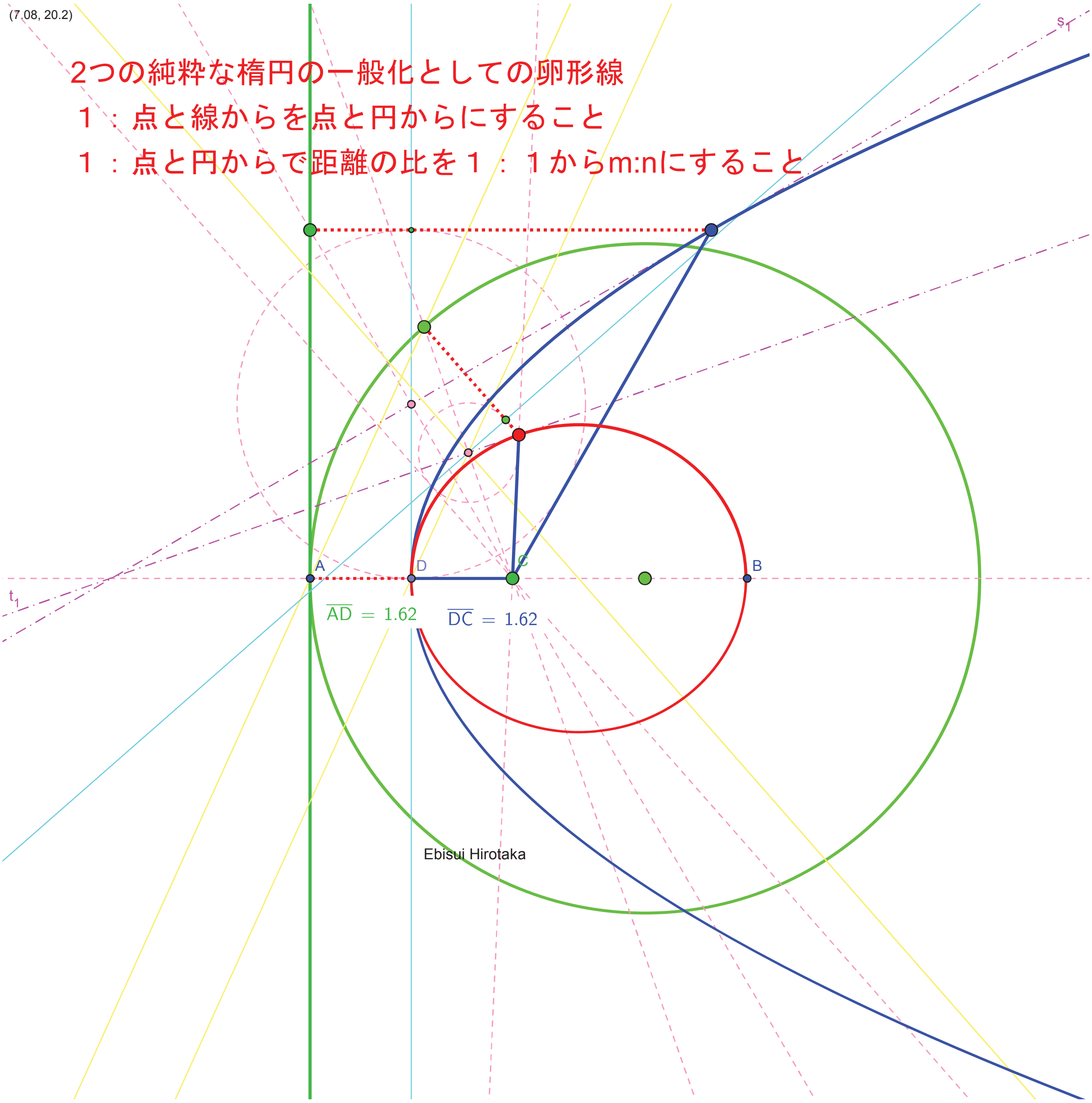
点と線から（点と円から）１：1のとき放物線（楕円）（日本数学会2014年

蛭子井博孝



点と線から（点と円から）１：1のとき放物線（楕円）（日本数学会2014年

蛭子井博孝



```
> # p1^e + p2^e + p3^e + p4^e + p5^e + p6^e + p7^e = prime {when e = 1, 2, 3, 4, 5, 6, 7} = all prime
  by H.E :
> c := 0 :for h1 from 3 to 10 do for h2 from h1 + 1 to 10 do for h3 from h2 + 1 to 25 do
  for h4 from h3 + 1 to 50 do for h5 from h4 + 1 to 60 do for h6 from h5 + 1 to 70 do
  for h7 from h6 + 1 to 80 do for e from 1 to 7 do SP||e := ithprime(h1)^e
  + ithprime(h2)^e + ithprime(h3)^e + ithprime(h4)^e + ithprime(h5)^e + ithprime(h6)^e
  + ithprime(h7)^e :od:if isprime(SP||1) and isprime(SP||2) and isprime(SP||3)
  and isprime(SP||4) and isprime(SP||5) and isprime(SP||6) and isprime(SP||7)
  then c := c + 1 : print({ithprime(h1)[h1], ithprime(h2)[h2], ithprime(h3)[h3],
  ithprime(h4)[h4], ithprime(h5)[h5], ithprime(h6)[h6], ithprime(h7)[h7]}) : print
  (PrimeSumPrime[[P[SP||1], P[SP||2]^2, P[SP||3]^3, P[SP||4]^4, P[SP||5]^5, P[SP||6]^6,
  P[SP||7]^7]][c]): print( ) fi:od:od:od:od:od:od:od:
```

$$\{5_3, 7_4, 11_5, 13_6, 17_7, 23_9, 271_{58}\}$$

$$PrimeSumPrime_{\left[P_{347}, P^2_{74623}, P^3_{19923587}, P^4_{5393990071}, P^5_{1461668718827}, P^6_{396110123010223}, P^7_{107345798750789267}\right]_1}$$

$$\{5_3, 7_4, 11_5, 13_6, 173_{40}, 347_{69}, 397_{78}\}$$

$$PrimeSumPrime_{\left[P_{953}, P^2_{308311}, P^3_{109534409}, P^4_{40234715431}, P^5_{15047600972633}, P^6_{5687639483459191}, P^7_{2164701257118689129}\right]_2}$$

$$\{5_3, 7_4, 13_6, 17_7, 71_{20}, 97_{25}, 101_{26}\}$$

$$PrimeSumPrime_{\left[P_{311}, P^2_{25183}, P^3_{2308463}, P^4_{218116471}, P^5_{20903481191}, P^6_{2022621537103}, P^7_{197107413836063}\right]_3}$$

$$\{5_3, 7_4, 13_6, 43_{14}, 59_{17}, 263_{56}, 349_{70}\}$$

$$PrimeSumPrime_{\left[P_{739}, P^2_{196543}, P^3_{60987547}, P^4_{19635401911}, P^5_{6436730298259}, P^6_{2137953988895983}, P^7_{717671901785402827}\right]_4}$$

$$\{5_3, 7_4, 13_6, 73_{21}, 101_{26}, 197_{45}, 223_{48}\}$$

$$PrimeSumPrime_{\left[P_{619}, P^2_{104311}, P^3_{20156923}, P^4_{4111602151}, P^5_{860765921419}, P^6_{182643083893591}, P^7_{39057456137468443}\right]_5}$$

$$\{5_3, 7_4, 17_7, 37_{12}, 131_{32}, 241_{53}, 313_{65}\}$$

$$PrimeSumPrime_{\left[P_{751}, P^2_{174943}, P^3_{46965943}, P^4_{13267788151}, P^5_{3855790803391}, P^6_{1141286207791183}, P^7_{342195052741886983}\right]_6}$$

$$\{5_3, 7_4, 17_7, 41_{13}, 89_{24}, 107_{28}, 233_{51}\}$$

$$PrimeSumPrime_{\left[P_{499}, P^2_{75703}, P^3_{14653651}, P^4_{3144029671}, P^5_{706446729139}, P^6_{162008212557463}, P^7_{37486338931777171}\right]_7}$$

$$\{5_3, 7_4, 17_7, 61_{18}, 73_{21}, 127_{31}, 131_{32}\}$$

PrimeSumPrime $\left[P_{421}, P^2_{42703}, P^3_{4917853}, P^4_{596975191}, P^5_{74536966741}, P^6_{9452664930463}, P^7_{1209129034661773}\right]_8$

$$\{5_3, 7_4, 17_7, 79_{22}, 83_{23}, 197_{45}, 229_{50}\}$$

PrimeSumPrime $\left[P_{617}, P^2_{104743}, P^3_{20724569}, P^4_{4342691911}, P^5_{933490209737}, P^6_{203237597210983}, P^7_{4458675289580 0249}\right]_9$

$$\{5_3, 7_4, 17_7, 97_{25}, 199_{46}, 211_{47}, 293_{62}\}$$

PrimeSumPrime $\left[P_{829}, P^2_{179743}, P^3_{43346341}, P^4_{11009025271}, P^5_{2898320467789}, P^6_{783894267722383}, P^7_{216443823163401781}\right]_{10}$

$$\{5_3, 7_4, 19_8, 29_{10}, 41_{13}, 73_{21}, 349_{70}\}$$

PrimeSumPrime $\left[P_{523}, P^2_{130087}, P^3_{42998203}, P^4_{14867548231}, P^5_{5179795711723}, P^6_{1807133464418407}, P^7_{630646141889247643}\right]_{11}$

$$\{5_3, 7_4, 19_8, 37_{12}, 61_{18}, 89_{24}, 191_{43}\}$$

PrimeSumPrime $\left[P_{409}, P^2_{49927}, P^3_{7957801}, P^4_{1409458951}, P^5_{260695397689}, P^6_{49102340843527}, P^7_{9320754122456521}\right]_{12}$

$$\{5_3, 7_4, 19_8, 211_{47}, 227_{49}, 271_{58}, 311_{64}\}$$

PrimeSumPrime $\left[P_{1051}, P^2_{266647}, P^3_{71081083}, P^4_{19386022951}, P^5_{5392019020891}, P^6_{1525997978639287}, P^7_{438423338791846843}\right]_{13}$

$$\{5_3, 7_4, 23_9, 29_{10}, 157_{37}, 193_{44}, 277_{59}\}$$

PrimeSumPrime $\left[P_{691}, P^2_{140071}, P^3_{32349907}, P^4_{7883390791}, P^5_{1993994169331}, P^6_{518389023341671}, P^7_{137455112286417427}\right]_{14}$

$$\{5_3, 7_4, 23_9, 37_{12}, 83_{23}, 131_{32}, 157_{37}\}$$

PrimeSumPrime $\left[P_{443}, P^2_{50671}, P^3_{6753059}, P^4_{951688471}, P^5_{137983323083}, P^6_{20359639244671}, P^7_{3040540288032179}\right]_{15}$

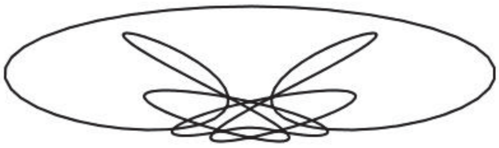
$$\{5_3, 7_4, 23_9, 41_{13}, 191_{43}, 227_{49}, 383_{76}\}$$

PrimeSumPrime $\left[P_{877}, P^2_{236983}, P^3_{74928397}, P^4_{25506872551}, P^5_{9098321026477}, P^6_{3341782302135703}, P^7_{1249234915284327757}\right]_{16}$

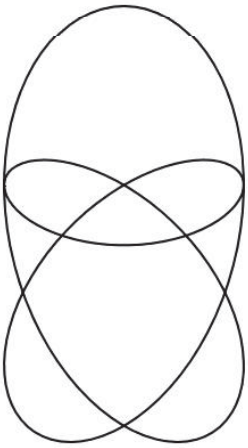
$$\{5_3, 7_4, 23_9, 61_{18}, 73_{21}, 277_{59}, 383_{76}\}$$

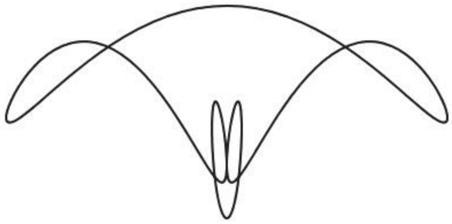
PrimeSumPrime $\left[P_{829}, P^2_{233071}, P^3_{78064453}, P^4_{27447529111}, P^5_{9874981971469}, P^6_{3608337097619071}, P^7_{1334046207069688213}\right]_{17}$

数２０１５年



数９　月　数１７日





あとがき
数をグラフ化して，私は、もう，この世の仕事は、終わったぐらいに思っている.それほど、大切な仕事である。数を素因数分解して、グラフ化しようと思ったが、できなかった。２，３進数に分解しないと。これを書き、また、新たなグラフ化を思いついた。素因数の和の２進数化と、素因数を使いｘ、ｙに直す方法、今からやろう。ではまた。そして、65 ページの幾何数学明書を締めくくる。　3 進数をもちいた。　　９６君が出た。