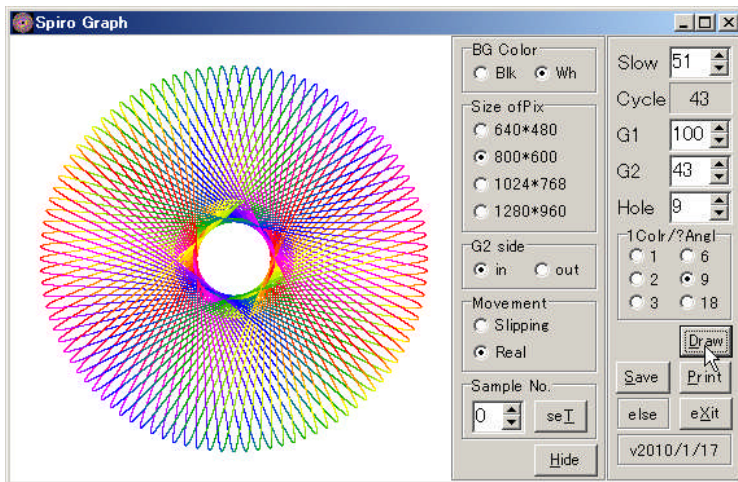


# Spiro Graph



## System

Windows XP + Delphi 5j

## Program

Morisawa Products.

Someone searches and find my webs, but only the word “Spirograph” on my webs. I couldn’t understand how the gears move, so I bought a Spirograph at 100Yen shop and tried for an hour.

Date is same as Version.

Print out high dpi, Save BitMap file. (Please re-save GIF or PNG file)

## \* How to use

Slow : fast 1-100 slow, if you set this 100 then divide 100 steps for 1/360 on outer gear hole.

Cycle : automatic calculation. How many turn-rounds to need the Spirograph along outer gear.

G1 : Small 10-144 big. Fixed Gear.

G2 : Small 10-144 big. Turn around gear wheel with pen holes.  $G1 < G2$  is OK.

Hole : Pen hole position. Modulation from center 1-10 to the rim.

1Colr/? Anagl : I prepare Rainbow 20 colors. If you set 9, the pen color changes each 9 angles.

Draw : With above setting, draw a Spirograph.

Save : Save the Spirograph as BitMap file in program’s folder. You’d better re-save as PNG file with MS-Paint. (I can program save procedure as only BitMap or Jpeg file.)

Print : Print the Spirograph on default printer on default paper. BG color is always white.

Else : 1<sup>st</sup> click on this panel, Extended menu will appear. With 2<sup>nd</sup> click, dis-appear.

## \* Extended menu

BG color : Blk(black) or Wh(white), on PC Black is better. Print is always White.

Size of Pix : if you save as BitMap file select the size before.

G2 : Gear 2’s revolution is [in]-side of Gear 1 or [out]-side of Gear 1.

Movement : [Slipping]=My mistake of programming. [Real]=This is true type spirograsph

Sample No. : 0-10 samples. Click [seT], and set the data and draw.

Hide : Hide the Extended menu

If you re-size the Window, this program draws adjust automatically.

Main Page <http://www13.atwiki.jp/devulman/>

DownLoad Page <http://www13.atwiki.jp/devulman/pages/10.html>

Sorry, my webs is in Japanese about all.

