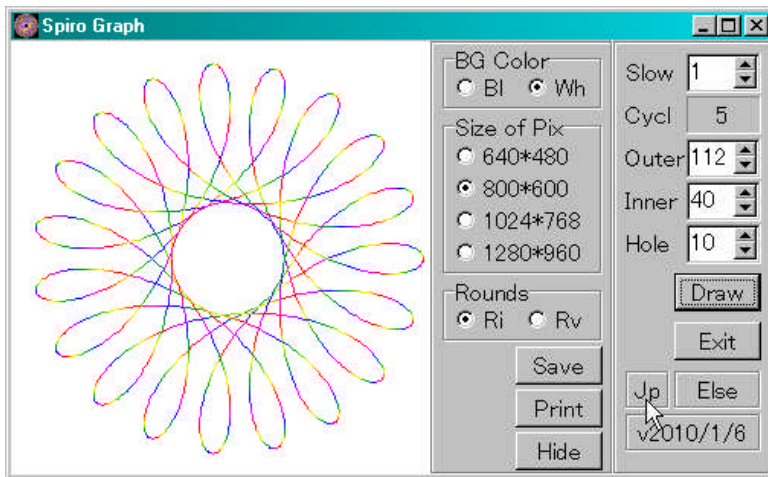


# Spiro Graph



## 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.

I programmed for user to watch PC's drawing. (cf. [Slow]function).

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

At 1st this program is in Japanese version, click the mouse pointer's panel [En], then in English.

### \* 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.

Outer : Small 80-120 big. Outer Gear hole.

Inner : Small 10-80 big. Inner gear wheel with pen holes.

Hole : Pen hole position. Modulation of center 1-10 on the rim.

Draw : With above setting, draw a Spirograph.

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

### \* Extended menu

BG color : Bl(black) or Wh(white), on PC Black is better.

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

Rounds : inner gear turns around anti-clock along outer ring. And self-rotation is same as clock moves. This is Ri(right) round. Or you select Rv(Reverse).

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.

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

I prepare Rainbow 20 colors, outer ring 1/360 as 1 color. 360/20 makes odd zero, and colors always cycles just right.

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

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

Sorry, my webs is in Japanese.