

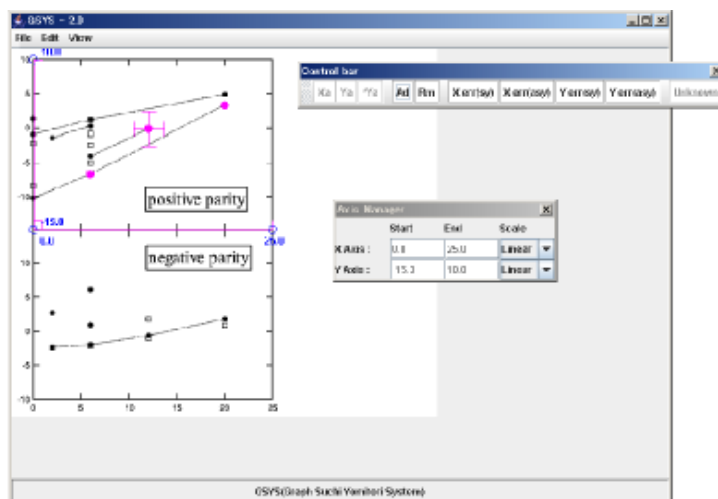
# Current Status of Japanese Digitizer (GSYS)

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## General

GSYS is a software developed in JCPRG to digitize numerical data from images of graphs. The current version (GSYS 2.2, released in December 2006) is a Java based application and

- available from the internet: <http://www.jcprg.org/gsys/> (free of charge);
- OS independent, i.e. works on Windows, Mac, UNIX etc.;
- providing intuitive and light GUI.



## Next release

Recently, several new functions have been achieved in GSYS.

**Main new function** is “*automatic recognition system for data points*”. Circles and some other simple symbols are recognized automatically by using this function. It is planned to continue to improve the accuracy of recognition.

**Some other functions** and modifications to achieve a convenient interface are listed below:

- Drag and Drop of image materials;
- "magnifying glass" function (with range selection) as "Loope";
- Cut & Paste and a right-click pop-up menu to the text areas of “Input and Output Numerical Data”;
- Added the Navigation bar which includes four scaling tools: Magnify, Shrink, Loope and Reset;
- Improved to support multi-color image files;
- Improved the method of the Auto axis detection from a set of clicks to a drag;

It is planned to release this new version of GSYS in the near future.