Using XFig

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1 Producing Documents

We are blessed to live in a time when document production tools, word processors and drawing programs, have become accessible to everyone and relatively easy to use. These document processors allow us to produce documents ranging from short technical papers to extensive textbooks, documents that are that are pleasant to view, easy to read, and entirely electronic.

As recently as the mid-80's, we were still using rubber cement to paste figures into documents. If they still exist at all, the documents themselves are now falling apart: the hand-drawn diagrams are yellowed and fall off the page that they were mounted on.

In contrast, an electronic document does not age and can be revised with ease. Sections of it9995 0laste



construction lines from the centre of the polygon to the vertices,

Group

Ungroup

Scale

Edit

Flip vertically

Flip horizontally

Rotate clockwise

Rotate counterclockwise

and to/from box/arc-box

These tools are described in the following sections:

4.1 Grouping

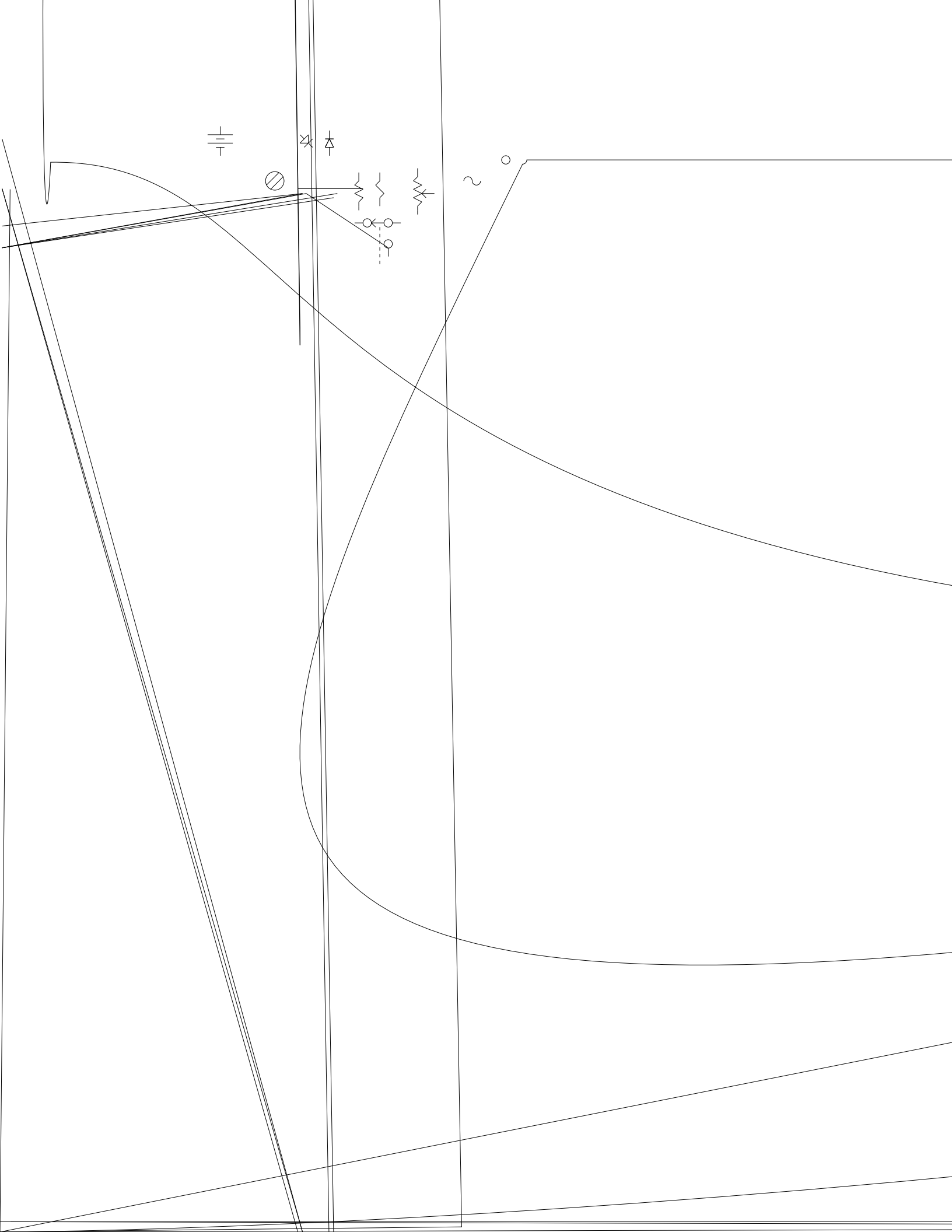
One of the most useful functions in any drawing program is the ability to specify a *group* of symbols into what is called a **compound** object. This effectiv

3. After editing the objects

5. Type the file name (foo.eps) into the file selector field and click on **Apply**. The image loads into the rectangle.

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1. View the **symbols.fig** drawing by

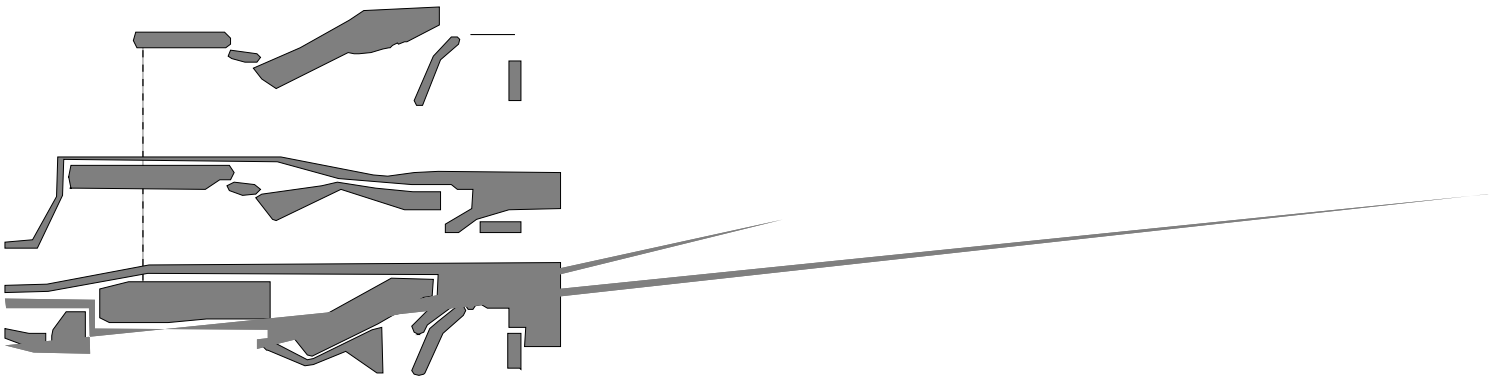


As time passes,

Special, then it will be incorporated verbatim in the description of the drawing and LaTeX will put the correct symbol on the drawing.

The Text Flag may be accessed by selecting the XFig **Edit** function and then selecting some text. The edit dialog box then pops up and includes a switch that can

7.5 GIF



9 P

- In the XTerm window, use the left mouse button to highlight the text to be copied.
- Move the focus back to the Xfig window and press button F1.
- The text should paste correctly into the Xfig window.

An example is shown in figure 7. I selected the 'Bookman-LightItalic' 12 point font in Xfig. Then I copied the text from a previous paragraph of this paragraph into Xfig. I outlined the text with a box and saved it as an encapsulated-postscript file at

- In that directory, find the `xfig` package, which will be named something like `xfig3.2.2.rpm`.
- Install it with the RPM command:

```
rpm -i xfig2.2.2.rpm
```

(Grizzled old Unix veterans