

# Latex Support Test File

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December 31, 1998

## 1 Introduction

This document is primarily intended to demonstrate the functionality of some  $\LaTeX$  packages that require driver support for their functionality. It is quick-and-dirty. It is not intended to be pretty, and does not demonstrate good ways to use these packages (In fact, it demonstrates some bad ways to use these packages).

## 2 LaTeX Support Information

Support for the `hyperref`  $\LaTeX$  package is available on CTAN with versions 6.44 (12/07/98) and above. This distribution of `dvipdfm` includes the `.def`

`les` required to support the `color`, `graphics` package. You may also need to modify `color.sty`, `graphics.sty`, and `hyperref.sty` so that they recognize `dvipdfm` as a driver. Once these `.def` `les` are installed, you should be able to use `dvipdfm` with  $\LaTeX$  for many applications.

After running  $\LaTeX$  on this document, `hyperref` should produce a hyper-linked document, complete with an outline.



Figure 1: A photograph of the author.

### 3 Graphics Support

Currently, JPEG and PDF image inclusion are supported.

#### 3.1 JPEG Image Inclusion

Figure 1 shows a photograph of the author that was obtained from a JPEG file. A small file with the extension of `.bb` supplies the bounding box to the `LATEX` Graphics package. For PDF and JPEG files, this bounding box can easily be created by running the `ebb` utility included with this distribution of `dvipdfm`.

#### 3.2 PDF Image Inclusion

Figure 2 shows an electronics circuit, drawn with XFig, distilled, and then included as PDF file.

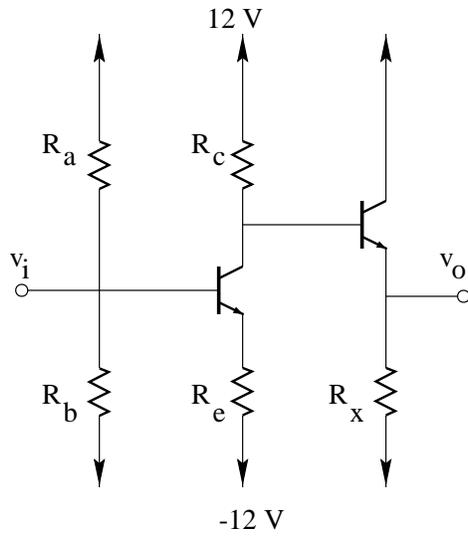


Figure 2: A simple two-stage transistor circuit.

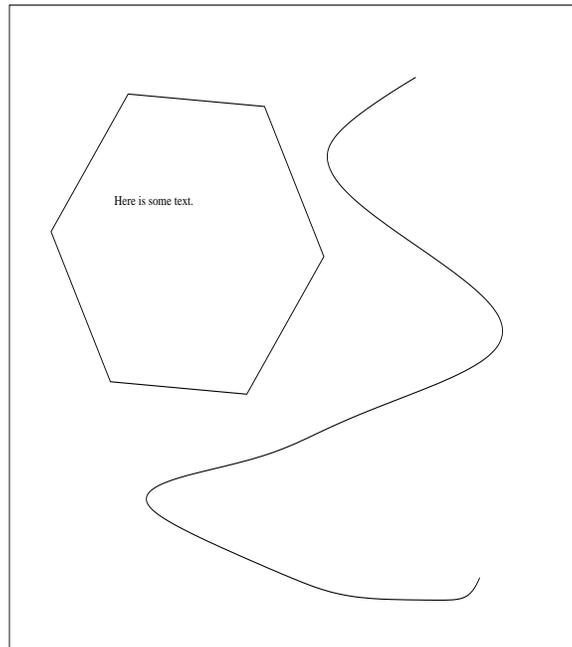


Figure 3: A second included figure