

# Latex Support Test File

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## 1 Introduction

This document is primarily intended to test the functionality of some  $\text{\LaTeX}$  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).

This is a test too see how well `dvipdfm` handles links that need to be broken over several lines. This will only work if you have `dvipdfm` version 0.12.4 or later and have installed `hdvipdfm.def` from the version 0.12.4 or later distribution.

## 2 $\text{\LaTeX}$ Support Information

`Dvipdfm` support for the `hyperref`  $\text{\LaTeX}$  package is in `hyperref` versions 6.44 (12/07/98) and above, available on CTAN. `Dvipdfm` is now supported in the standard  $\text{\LaTeX}$  release (via the “color” and “graphics” packages) in  $\text{\LaTeX}$  releases dated later than December 1998.

If you have an older  $\text{\LaTeX}$  and don't want to upgrade, this distribution of

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

After running  $\text{\LaTeX}$  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. It has been mangled for testing purposes.

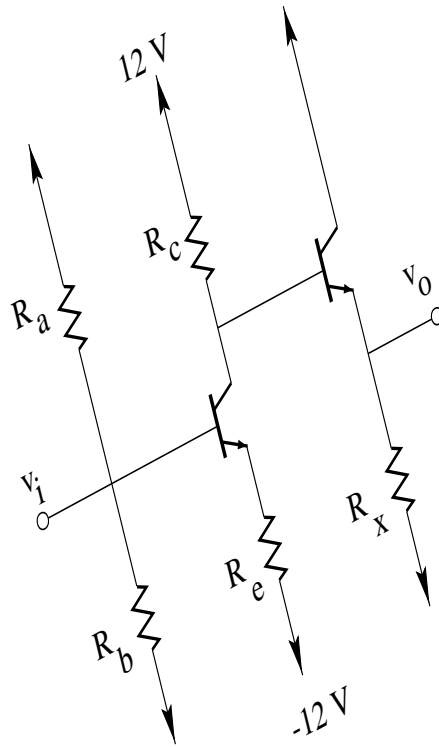


Figure 2: A simple two-stage transistor circuit (mangled by includegraphics options).

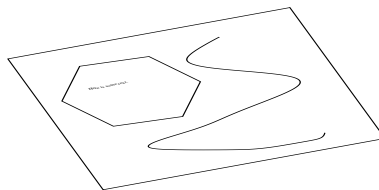


Figure 3: A second included figure