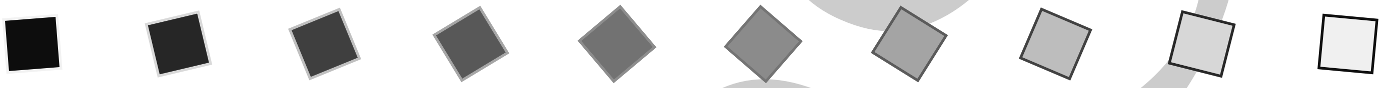
DVIPS: A TEX Driver For PostScript

g



$$\sqrt{\sqrt{\frac{a \Longrightarrow b \longrightarrow c}{\parbox{7cm}{the phase of the moon multiplied by the number of angels that can dance on the head of a pin while the rich man threads the needle divided by π or some other transcendental number}}}}$$

To run this test, remove a file called mtest.ps if it exists. Then, run TEX over test.tex, run dvips over test.dvi, saving the output in a file test.ps. Copy test.ps to mtest.ps. Run dvips over test.dvi again, this time printing or saving the output, as you choose. (Including the document too many times inside itself will overflow the virtual memory capacities of most printers.)

Some things to check on this page. First, the large rules surrounding the page should be exactly one quarter inch from each border (assuming a 8.5 by 11 page; for an a4 page, change the **\afourfalse** to **\afourtrue** on line 16.)

You should see a title at the top, and a large italic g under that. Then, there should be a centered row of ten boxes, going from dark to light gray, rotating slowly.

In the 'equation' that follows, check the upper left corner of the radical signs for alignment. Also check the right arrows.

In the recursively included page to the left, note how bad the bitmapped fonts look (they are the ones under the radical, and indeed this text itself.) The thin rules may disappear altogether. This points out the resolution dependence of dvips output; this is an unfortunate necessity of using bitmapped fonts. The PostScript fonts, on the other hand, should scale fine.

Finally, at the bottom of the page, you will see some tests of the accents in the PostScript fonts. Pay careful attention to the word naïve; there should be an umlaut over a dotless i. The text should read "Ich weiß tatsächlich nicht mehr als das. Dæmonic soufflés have no rôle in naïve œuvres. —Æsop's Œuvres."

Ich wei tatsachlich nicht mehr als das. Dmonic souffles have no rôle in naˇve uvres. —sop's `uvres.