NAME

mag – computes fontsizes and magsteps

SYNOPSIS

mag [-**R***dpi] magstep* . . .

mag [-**r**] [-**R***dpi*] fontsize . . .

DESCRIPTION

delim $$ This tool calculates fontsizes given magsteps. TeXfonts are provided as true sized fonts or as magnifications. The fontsize of a true sized font equals the resolution of the printer (ex. 300). The fontsize of a font magnified n *magsteps* equals: 1.2 sup{n} times 300 delim off rounded to its nearest integer value. Fontnames for TeX fonts normally consists of the name (*cmr*), pointsize (*10*), type (*pk*) and fontsize (*360*), for example: *cmr10.360pk*.

EXAMPLES

The result of *mag -R240 -2 0 0.5 1* will be:

```
167 240 263 288
```

The inverse function is computed with the *-r* option. The result of *mag -r -R240 167 240 263 288* will be the fontsteps:

```
-2 0 0.5 1
```

The UNIX shells allow command substitution. One can write:

```
mag -r -R240 `mag -R240 -2 0 0.5 1`
```

DATE

18 December, 1989

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