

PSL1-program code: image matrix 32×24 for production of 16 gray steps

```
%!PS-Adobe-3.0 B8250-1n.eps          20.10.94
%<BoundingBox: 72 90 226 206>
/FS {findfont exch scalefont setfont} bind def
/MM {72 25.4 div mul} def
/proz1 {pop} bind def
/proz2 {} bind def
%%EndProlog
gsave

{proz2 } settransfer
12 45 {proz1} setscreen
72 90 translate
32 3600 div 72 mul 240 mul
24 3600 div 72 mul 240 mul scale

/DatenString 16 string def %image 32x24 from down to up
32 24 4 [32 0 0 -24 0 24]
{currentfile DatenString readhexstring pop} image
777777777777777777777777777777777777777777
7FFFFFFFFF7FFFFFFFFF7FFFFFFFFF7
7FFFFFFF0000000000000000FFFFF7
7FFFFFFF1111111111111111FFFFFFFFFF7
7FFFFFFF2222222222222222FFFFFFFFFF7
7FFFFFFF3333333333333333FFFFFFFFFF7
7FFFFFFF4444444444444444FFFFFFFFFF7
7FFFFFFF5555555555555555FFFFFFFFFF7
7FFFFFFF6666666666666666FFFFFFFFFF7
7FFFFFFF7777777777777777FFFFFFFFFF7
7FFFFFFF8888888888888888FFFFFFFFFF7
7FFFFFFF9999999999999999999999FFFFFFFFFF7
7FFFFFFFAAAAAAAFAAFAAFAAFAAFAAFAAFAAFAAFAA
7FFFFFFFB BBBB BBBB BBBB BBBB BBBB BBBB BBBB BBBB
7FFFFFFFC CCCCCCCCCCCC CCCCCCCC CCCCCCCC CCCCCCCC
7FFFFFFFD DDDDDDDDDDDDDDDDDDDDDDDFFFFFFFFFF7
7FFFFFFFEEEEEEEEE EEEEEE EEEEEE EEEEEE EEEEEE
7FFFFFFFFF FFFFFFF FFFFFFF FFFFFFF FFFFFFF FFFFFFF
777777777777777777777777777777777777777777777
grestore

72 90 translate
6 /Times-Roman FS
6 24 moveto ({} settransfer) show
6 16 moveto (12 45 {pop} setscreen) show
6 8 moveto (12 lines / inch) show

34 28.75 moveto (0) show
%! here more text 0, 1, ..., F, not presented here
34 101.0 moveto (F) show
showpage
```