

# PSL1-program code: color image and separations with 4 basic colors CMYK

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%!PS-Adobe-3.0 d2:[rr.p9f]B7251-7n.eps/B9481-8N.eps 12.2.96
%%BoundingBox: 72 90 226 204
/Times-Roman findfont dup length dict begin
{1 index /FID ne {def} {pop pop} ifelse }forall
/Encoding ISOLatin1Encoding def currentdict end
/Times-ISOL1 exch definefont pop
/FS {findfont exch scalefont setfont} bind def
/MM {72 25.4 div mul} def /str {8 string} bind def
%%EndProlog

72 90 translate 0.01 MM 0.01 MM scale
/ausz 4 def %color separation 0=C, 1=M, 2=Y, 3=N, 4=F
/recfi {/height exch def /width exch def /ys exch def /xs exch def
xs ys moveto width 0 rlineto
0 height rlineto width neg 0 rlineto closepath
ausz 0 eq { pop pop pop 1 exch sub setgray %C
060 135 {pop} setscreen fill } if
ausz 1 eq { pop pop 1 exch sub setgray pop %M
060 090 {pop} setscreen fill } if
ausz 2 eq { pop 1 exch sub setgray pop pop %Y
060 000 {pop} setscreen fill } if
ausz 3 eq { 1 exch sub setgray pop pop pop %N
060 045 {pop} setscreen fill } if
ausz 4 eq { setcmyk_olvcolor
060 135 {pop} 060 090 {pop} 060 000 {pop} %F
060 045 {pop} setcolorscreen fill } if} bind def
ausz 3 ge {0.0 0.0 0.0 0.5 0 0 5400 4000 recfi}
{0.0 setgray 0 0 moveto 5400 0 rlineto 0 4000
rlineto -5400 0 rlineto closepath stroke} ifelse
ausz 3 ge {1.0 setgray 300 /Times-ISOL1 FS 100 3600 moveto
(basic colors, mixed colors, area coverage) show } if
/xyw {4000 12 div} bind def /xw {5 xyw mul} bind def
/x01 {5 xyw mul} bind def /y0 {1.2 xyw mul} bind def
/x02 {10 xyw mul} bind def
/colors1 %CMYK color rows from bottom to top
[[{1.0 0.0 0.0 0.0} {0.0 1.0 0.0 0.0} {0.0 0.0 1.0 0.0}
{0.0 1.0 1.0 0.0} {1.0 0.0 1.0 0.0} {1.0 1.0 0.0 0.0}
{1.0 1.0 1.0 0.0} {0.0 0.0 0.0 0.0} {0.0 0.0 0.0 1.0}] bind def
/colors2
[[{0.5 0.0 0.0 0.0} {0.0 0.5 0.0 0.0} {0.0 0.0 0.5 0.0}
{0.0 0.5 0.5 0.0} {0.5 0.0 0.5 0.0} {0.5 0.5 0.0 0.0}
{0.5 0.5 0.5 0.0} {0.0 0.0 0.0 0.0} {0.0 0.0 0.0 0.5}] bind def
0 1 8 {/i exch def colors1 i get exec
x01 i xyw mul y0 add xw xyw recfi} for
0 1 8 {/i exch def colors2 i get exec
x02 i xyw mul y0 add xw xyw recfi} for
ausz 3 ge {1.0 setgray 300 /TimesI-ISOL1 FS
/N8 (C M Y O=M+Y L=C+Y V=C+M C+M+Y W N ) def
0 1 8 {/nr exch def nr xyw mul y0 add x01 1300 sub exch
moveto 40 0 N8 nr 6 mul 6 getinterval ashow}for 300 /Times-Roman FS
x01 400 add y0 300 sub moveto (100) show 30 0 rmoveto (%) show
x02 600 add y0 300 sub moveto (70) show 30 0 rmoveto (%) show} if

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