

```

%*****
%BEG Frame File Linearization Method (FF_LM)
%Combined transfers: setrgbcolor, setcmykcolor
%                and settransfer, setcolortransfer

```

This is an example EPS code, see use in
<http://color.li.tu-berlin.de/fek9/fek9f1p0.txt>
<http://color.li.tu-berlin.de/fek9/fek9f1p0.pdf>

```

/FF_LM_setgrayF0 {setgray} bind def
/FF_LM_setrgbcOLORF0 {setrgbcOLOR} bind def
/FF_LM_setcmykcolorF0 {setcmykcolor} bind def
/FF_LM_transferF0 {settransfer} bind def
/FF_LM_colortransferF0 {setcolortransfer} bind def
/FF_LM_xchart_gammaF {/xchart where {pop /xchartN xchart 8 idiv def
                        /xchartP xchart
                        xchart 8 idiv 8 mul sub def}
                        {/xchartN 2.0 def %default
                        /xchartP 0.5 def} ifelse
                        /gammaF 2.4 xchartP 0.18 mul sub 2.4 div
                        1 2.4 xchartN 0.18 mul sub 2.4 div div mul def
                        gammaF exp gammaR mul
                        } def

```

External values of the Frame File (FF):
xchart=0, 1, ..., 8 for P und N series
for the range 0,5 <= gammaF <=2

Example gammaR values for HDR-head room:
gammaR=0,64 (2 stop);
gammaR=0,8 (1 stop); 1,0 (SDR)

```

/FF_LM_setrgbcOLORF {%FF_LM_setrgbcOLORF
/FF_LM_b0L exch def /FF_LM_g0L exch def
/FF_LM_r0L exch def
FF_LM_r0L 0 le {/FF_LM_r0L 0.0001 def} if
FF_LM_g0L 0 le {/FF_LM_g0L 0.0001 def} if
FF_LM_b0L 0 le {/FF_LM_b0L 0.0001 def} if
/FF_LM_r1F FF_LM_r0L FF_LM_xchart_gammaF def
/FF_LM_g1F FF_LM_g0L FF_LM_xchart_gammaF def
/FF_LM_b1F FF_LM_b0L FF_LM_xchart_gammaF def
FF_LM_r1F FF_LM_g1F FF_LM_b1F
FF_LM_setrgbcOLORF0
} def %FF_LM_setrgbcOLORF

```

For use of this EPS code with gammaR see
<http://color.li.tu-berlin.de/few1/few1f10np.pdf>
<http://color.li.tu-berlin.de/few2/few2f10np.pdf>

```

/FF_LM_transferF {{FF_LM_xchart_gammaF} FF_LM_transferF0} def
/FF_LM_colortransferF {{FF_LM_xchart_gammaF} {FF_LM_xchart_gammaF}
                        {FF_LM_xchart_gammaF} FF_LM_colortransferF0} def

```

```

%END Frame File Linearization Method (FF_LM)
%*****

```