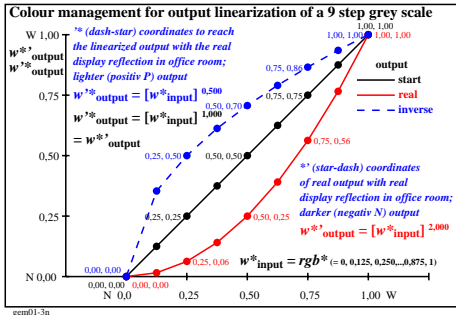


```

%*****
%END Frame File Linearization Method (FF_IM)
%Combined transfera: setgray, setrgbcolor, setcmykcolor
% and settransfer, setcolortransfer %
/FF_IM_setgray0 {setgray} bind def
/FF_IM_setrgbcolor0 {setrgbcolor} bind def
/FF_IM_setcmykcolor0 {setcmykcolor} bind def
/FF_IM_transfer0 {settransfer} bind def
/FF_IM_colortransfer0 {setcolortransfer} bind def
/gammaF 21 array def
/gammaF 1 rsl. gamma according to ISO 9241-306:2018
N 0/B 1/0 2/10 3/11 4/12 5/13 6/14 7/15
10.475 0.550 0.625 0.700 0.775 0.849 0.924 1.000
1.000 1.081 1.162 1.243 1.324 1.405 1.486 1.567
Additional gammaF 16 17 18 19 20
2.000 0.500 1.600 0.666 1.000 def
20 example Gamma values:
/FF_IM_xchart_gammaF {/xchart where {pop gammaF1 xchart get exp} def
/FF_IM_setrgbcolorF {/FF_IM_setrgbcolorF
/FF_IM_B0L each def /FF_IM_G0L each def
/FF_IM_R0L 0 le (/FF_IM_R0L 0.0001 def) if
/FF_IM_G0L 0 le (/FF_IM_G0L 0.0001 def) if
/FF_IM_B0L 0 le (/FF_IM_B0L 0.0001 def) if
/FF_IM_R1F FF_IM_R0L FF_IM_xchart_gammaF def
/FF_IM_G1F FF_IM_G0L FF_IM_xchart_gammaF def
/FF_IM_B1F FF_IM_B0L FF_IM_xchart_gammaF def
/FF_IM_L1F FF_IM_R1F FF_IM_G1F FF_IM_B1F
FF_IM_setrgbcolor0F
} def /FF_IM_setrgbcolorF
/FF_IM_transferF {(/FF_IM_xchart_gammaF) FF_IM_transfer0F} def
/FF_IM_colortransferF {(/FF_IM_xchart_gammaF)
(/FF_IM_colortransfer0F) FF_IM_colortransfer0F} def
%*****
%END Frame File Linearization Method (FF_IM)
gem00-3n
    
```

This is an example EPS code for EPS images, compare <http://color.li.tu-berlin.de/gem1/gem1fp0.txt> <http://color.li.tu-berlin.de/gem1/gem1fp0.pdf>

External values of the Frame File (FF):  
xchart=0.1,...,8  
for the range 0.5 <- gammaF >=2

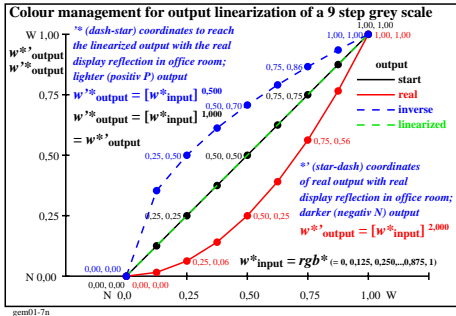


```

%*****
%END Frame File Linearization Method (FF_IM)
%Combined transfera: setgray, setrgbcolor, setcmykcolor
% and settransfer, setcolortransfer %
/FF_IM_setgray0 {setgray} bind def
/FF_IM_setrgbcolor0 {setrgbcolor} bind def
/FF_IM_setcmykcolor0 {setcmykcolor} bind def
/FF_IM_transfer0 {settransfer} bind def
/FF_IM_colortransfer0 {setcolortransfer} bind def
/FF_IM_xchart_gammaF {/xchart where {pop /xchartN xchart 8 idiv def
/xchartP
xchart 8 idiv 8 mul sub def
[/xchartN 2.0 def /default
/xchart 0.5 def] /linear
/gammaF 2.4 xchartP 0.18 mul sub 2.4 div
1 2 4 xchartN 0.18 mul sub 2.4 div mul def
gammaF exp gammaF mul
} def
Example GammaR values for HDR-head room:
gammaR=0.64 (2 stop);
gammaR=0.8 (1 stop); 1.0 (SDR)
/FF_IM_setrgbcolorF {/FF_IM_setrgbcolorF
/FF_IM_B0L each def /FF_IM_G0L each def
/FF_IM_R0L 0 le (/FF_IM_R0L 0.0001 def) if
/FF_IM_G0L 0 le (/FF_IM_G0L 0.0001 def) if
/FF_IM_B0L 0 le (/FF_IM_B0L 0.0001 def) if
/FF_IM_R1F FF_IM_R0L FF_IM_xchart_gammaF def
/FF_IM_G1F FF_IM_G0L FF_IM_xchart_gammaF def
/FF_IM_B1F FF_IM_B0L FF_IM_xchart_gammaF def
/FF_IM_L1F FF_IM_R1F FF_IM_G1F FF_IM_B1F
FF_IM_setrgbcolor0F
} def /FF_IM_setrgbcolorF
/FF_IM_transferF {(/FF_IM_xchart_gammaF) FF_IM_transfer0F} def
/FF_IM_colortransferF {(/FF_IM_xchart_gammaF)
(/FF_IM_colortransfer0F) FF_IM_colortransfer0F} def
%*****
%END Frame File Linearization Method (FF_IM)
gem00-7n
    
```

This is an example EPS code for EPS images, compare <http://color.li.tu-berlin.de/ck9/ck9fp0.pdf>

External values of the Frame File (FF):  
xchart=0.1,...,8  
for the range 0.5 <- gammaF >=2



TUB-test chart gem0; *PostScript eps* Code for the output steering and output linearisation  
Outputs: start (N=Black), real (R=Red), inverse (B=Blue), and linearized (G=Green)

see similar files of the whole series: <http://farbe.li.tu-berlin.de/gems.htm>  
technical information: <http://farbe.li.tu-berlin.de/> or <http://color.li.tu-berlin.de/>

TUB registration: 20240701-gem0/gem0l0n1.txt / .ps  
application for evaluation and measurement of display or print output  
TUB material: code=thadata