```
%*********************************************************
%BEG Frame File Linearization Method FF_LM, real (re), invers (in), hex (h), decimal (d)
/xdd 050 def /ydd 133 def                    %x-position and line difference
TBL 0 setgray                                %font, size and black color
xdd 3820 moveto                              %top position and table text
(Table xyinh_256 produced by FF_LM_xchart_gamma from xyreh_256) show        Main Table text

/xrehj 256 array def /yrehj 256 array def    %real data hex (h)
/xredj 256 array def /yredj 256 array def    %real data decimal (d)
/xinhj 256 array def /yinhj 256 array def    %inverse (in) data hex (h)
/xindj 256 array def /yindj 256 array def    %invers (in) data decimal (d)
TBV /yw0 3650 def                            %font, size, position
xdd yw0 moveto                                                             Sub Table text
(Table  xyinh_256, invers data in hex (h, 0:255) for xyreh_256 (h, 0:255), ) show,
1 0 0 setrgbcolor (gamma=) show gamma cvsshow3g 0 setgray

%procedure for transfer xrehj, yrehj -> xinhj, yinhj
%use of the table data xyreh256 (h=hex) of real values (reh) with gamma
/FF_LM_xchart_gammaF {%BEG /FF_LM_xchart_gammaF 240715
                     /yreh exch def %0<= yreh <=255
                     xinhj j yrehj yreh get put %invers data yrehj->xinhj
                     yinhj j xrehj yreh get put %invers data xrehj->yinhj
                     yinhj j get                 %output of yinhj
                     } def %END /FF_LM_xchart_gammaF 240715
%Application of FF_LM_xchart_gammaF and output
TW /yw1 yw0 1.1 ydd mul sub def
0 1 255 {/j exch def %j=0,256
         xrehj j get FF_LM_xchart_gammaF
         %available now xinhj, yinhj
         xindj j xinhj j get 255 div put
         yindj j yinhj j get 255 div put
         /j0 j 10 idiv def /jd j j0 10 mul sub def        This example EPS code is used in
         xdd jd 600 mul add yw1 j0 ydd mul sub moveto     http://color.li.tu-berlin.de/ges9/ges91-7n.txt
         xinhj j get cvishow (  ) show yinhj j get cvishow http://color.li.tu-berlin.de/ges9/ges91-7n.pdf
         } for
xdd 050 moveto
(For gamma=2 and j=0,255: xinh=yrehj, yinhj=xrehj_j, ) show              Output xinhj, yinhj
(similar for decimal values xindj=yredj, yindj=xredj=xrehj/255) show
%END Frame File Linearization Method FF_LM, real (re) hex (h) and decimal (d)
%*********************************************************
```

ges90-7n