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%*****
%BEG Frame File Linearization Method FF_LM, Table yrehj, j=0,1023 equal to inverse xinhj
%BEG EARLY Global (G) BINDING IMAGE FILE 1MR-0000G 200301
%BEG 1MR-0000G.TXT, 1MR & relative gamma change 200301
/ gammaGi 21 array def / gammaGi %rel. gamma according to ISO 9241-306:2018
%0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
[0.475 0.550 0.625 0.700 0.775 0.849 0.924 1.000 1.000 1.081 1.176 1.290 1.428 1.600 1.818 2.105
%16 17 18 19 20 %additional inverse gamma values for tests
2.000 0.500 1.500 0.666 1.000] def

/indexGi 16 def / gamma gammaGi indexGi get def
/xrehj 1024 array def /yrehj 1024 array def %real data hex (h)
/xinhj 1024 array def /yinhj 1024 array def %inverse (in) data hex (h)
%calculation of the table xyreh_1024 (h=hex) of real values (reh) with gamma
0 1 1023 {/j exch def %j=0,1023
xrehj j j put
yrehj j j 1023 div gamma exp 1023 mul cvi put
xinhj j yrehj j get put yinhj j xrehj j get put
} for %j=0,1023

/ 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 xyreh_1024 may be produced from inverse data xyinh_1024) show
TBV /yw0 3650 def %font, size, position
xdd yw0 moveto
(Table xyreh_1024, data in hex (h, 0:259) for inverse data xyinh_1024 (h, 0:259), ) show,
1 0 0 setrgbcolor (gamma=) show gamma cvsshow3g 0 setgray
TW /yw1 yw0 1.1 ydd mul sub def
0 1 0259 {/j exch def %j=0,259
/j0 j 10 idiv def /jd j j0 10 mul sub def
xdd jd 600 mul add yw1 j0 ydd mul sub moveto
xrehj j get cvishow ( ) show yrehj j get cvishow
} for %j=0,259
xdd 050 moveto
(For gamma=2 and j=0,259: xrehj=yinhj=j, yrehj=xinhj) show
%END Frame File Linearization Method FF_LM, Table yrehj, j=0,1023 equal to inverse xinhj
%*****

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Beispiel-EPS-Code ist benutzt in
<http://farbe.li.tu-berlin.de/ggt0/ggt01-3n.txt>
<http://farbe.li.tu-berlin.de/ggt0/ggt01-3n.pdf>

gamma=2

Main table text

Teiltabellentext

Ausgabe xrehj, yredj
260 von 1924 Werten