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$*****
/proc00_7data_FLVLF {BEG proc00_7data_FLVLF %BEG proc01_7data_FLVLF
%The procedure proc01_7data_FLVLF is used only once in Local File
/VisexLi 09 array def %for the one real data of visual evaluation
/VisexLx 54 array def %for 6 different example data of visual evaluation
/VisexLx [0.000 0.015 0.062 0.140 0.250 0.390 0.562 0.765 1.000 %16 08 gamma=2,0
0.000 0.353 0.500 0.612 0.707 0.790 0.866 0.935 1.000 %17 17 gamma=0,5
0.000 0.044 0.125 0.229 0.353 0.494 0.649 0.818 1.000 %18 26 gamma=1,5
0.000 0.250 0.397 0.520 0.630 0.731 0.825 0.915 1.000 %19 35 gamma=0,6667
0.000 0.125 0.250 0.375 0.500 0.625 0.750 0.875 1.000 %20 44 gamma=1,0
0.000 0.125 0.250 0.375 0.500 0.625 0.750 0.875 1.000 %21 53 experimental
] def %5 53
% the last line shall be replaced by the experimental data, if available

0 1 8 {/j exch def %j=0,8
VisexLi j VisexLx indexLi 16 sub 9 mul j add get put
} for %j=0,8
} def %END proc01_7data_FLVLF %END proc01_7data_FLVLF
$*****
/proc02_Visev_FLVLF {BEG proc02_Visev_FLVLF %BEG proc02_Visev_FLVLF
%for visual data with Fast Linear Visual Local File (FLVLF)
%The procedure proc01_7data_FLVLF is used only once in Local File
/xyreh8 10 array def /yreh8 10 array def %re-real, %j=0,8
/xinh8 10 array def /yinh8 10 array def %in-inversa, %j=0,8
/xrehj 1025 array def /yrehj 1025 array def
/xinhj 1025 array def /yinhj 1025 array def

/xred8 10 array def /yred8 10 array def %re-real, %j=0,8
/xind8 10 array def /yind8 10 array def %in-inversa, %j=0,8
/xredj 1025 array def /yredj 1025 array def
/xindj 1025 array def /yindj 1025 array def

0 1 8 {/j exch def %j=0,8
xred8 j j 0.125 mul put
yred8 VisexLi j get put
xind8 yred8 j get put
yind8 xred8 j get put

xreh8 xred8 j get 255 mul put
yreh8 yred8 j get 255 mul put
xinh8 yreh8 j get put
yinh8 xreh8 j get put
} for %j=0,8

xred8 9 1 put yred8 9 1 put
xind8 9 1 put yind8 9 1 put
xreh8 9 255 put yreh8 9 255 put
xinh8 9 255 put yinh8 9 255 put

%j=0,1023
0 1 7 {/k exch def %k=0,8
0 1 127 {/n exch def %n=0,127
/j k 128 mul n add def
xredj j j 1023 div put
yredj j yred8 k 1 add get yred8 k get sub
n 128 div mul yred8 k get add put
xindj j yredj j get put
yindj j xredj j get put
} for %n=0,127
} for %k=1,8

0 1 1023 {/j exch def %j=0,1023
xrehj j xredj j get 1023 mul put
yrehj j yredj j get 1023 mul put
xinhj j yredj j get put
yinhj j xredj j get put
} for %j=0,1023

xredj 1024 1 put yredj 1024 1 put
xindj 1024 1 put yindj 1024 1 put
xrehj 1024 1023 put yrehj 1024 1023 put
xinhj 1024 1023 put yinhj 1024 1023 put
} def %END proc02_Visev_FLVLF %END proc02_Visev_FLVLF
$*****
/proc00_FF_LM_FLVLF {BEG proc00_FF_LM_FLVLF %BEG proc00_FF_LM_FLVLF
%This procedure is used for any rgb data in proc00_1MR_FLVLF
/yed exch def
/yeh yed 1023 mul cvi def
/xinh yrehj yeh get def
xinh 1023 div
} def %END proc00_FF_LM_FLVLF %END proc00_FF_LM_FLVLF
$*****
/indexLi 20 def %default for gamma=1.000
/iproclMR 1 def %optional application example
iproclMR 1 eq {main program Frame_File_Linearisation_Method (FF_LM) %Beispiel: kombinierte Prozedur
proc00_1MR_FLVLF proc01_7data_FLVLF proc02_Visev_FLVLF} if
$*****

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