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%*****
/proc05_gammat_xyreh {%BEG proc05_gammat_xyreh %BEG proc05_gammat_xyreh
%BEG Local (L) gamma and calculation of xyreh_1024
/gammatLi 21 array def
/gammatLi %rel. gamma according to ISO 9241-306:2018
%0 1 2 3 4 5 6 7
10.475 0.550 0.625 0.700 0.775 0.849 0.924 1.000
%8 9 10 11 12 13 14 15
1.000 1.081 1.176 1.290 1.428 1.600 1.818 2.105
%16 17 18 19 20
2.000 0.500 1.500 0.666 1.000] def

/gamma gammatLi indexFi get def
/xrehj 1024 array def /yrehj 1024 array def
/xinhj 1024 array def /yinhj 1024 array def

%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 } put
yrehj j } 1023 div gamma exp 1023 mul cvi put
} for %j=0,1023
/proc06_FF_LM_FLVLF {%BEG proc06_FF_LM_FLVLF %BEG proc06_FF_LM_FLVLF
/yeh exch def
/yeh yeh 1023 mul cvi def
/xinh yrehj yeh get def
xinh 1023 div
} def %END proc06_FF_LM_FLVLF %END proc06_FF_LM_FLVLF
} def %END proc05_gammat_xyreh %END proc05_gammat_xyreh
%*****
/proc00_LMR_FLVLF {%BEG proc00_LMR_FLVLF %BEG proc00_FF_LM_FLVLF
%main procedure Fast Linear Visual Local File (FLVLF)

/FF_LM_setgrayFLVLF0 {setgray} bind def
/FF_LM_setrgbcolorFLVLF0 {setrgbcolor} bind def
/FF_LM_setcmykcolorFLVLF0 {setcmykcolor} bind def
/FF_LM_transferFLVLF0 {settransfer} bind def
/FF_LM_colortransferFLVLF0 {setcolortransfer} bind def

/setgray {%BEG procedure setgrayFLVLF setgray -> FF_LM_setrgbcolorG
dup dup FF_LM_setrgbcolorFLVLF
} def %END procedure setgrayFLVLF

/setcmykcolor {%BEG procedure setcmykcolorFLVLF setcmykcolor -> FF_LM_setrgbcolorG
/FF_LM_kFLVLF exch def /FF_LM_yFLVLF exch def
/FF_LM_mFLVLF exch def /FF_LM_cFLVLF exch def
FF_LM_kFLVLF 0 eq {1 FF_LM_cFLVLF sub 1 FF_LM_mFLVLF sub
1 FF_LM_yFLVLF sub FF_LM_setrgbcolorFLVLF}
{1 FF_LM_kFLVLF sub dup dup
FF_LM_setrgbcolorFLVLF} ifelse
} def %END procedure setcmykcolorFLVLF

/setrgbcolor {%BEG procedure setrgbcolorFLVLF setrgbcolor -> FF_LM_setrgbcolorG
/FF_LM_bFLVLF exch def /FF_LM_gFLVLF exch def
/FF_LM_rFLVLF exch def
FF_LM_rFLVLF FF_LM_gFLVLF FF_LM_bFLVLF
FF_LM_setrgbcolorFLVLF
} def %BEG procedure setrgbcolorFLVLF

/FF_LM_setrgbcolorFLVLF {%BEG FF_LM_setrgbcolorFLVLF FF_LM_setrgbcolorG -> FF_LM_setrgbcolorG0
/FF_LM_b0FLVLF exch def /FF_LM_g0FLVLF exch def
/FF_LM_r0FLVLF exch def
FF_LM_r0FLVLF 0 le {/FF_LM_r0FLVLF 0.0001 def} if
FF_LM_g0FLVLF 0 le {/FF_LM_g0FLVLF 0.0001 def} if
FF_LM_b0FLVLF 0 le {/FF_LM_b0FLVLF 0.0001 def} if
/FF_LM_r1FLVLF FF_LM_r0FLVLF proc06_FF_LM_FLVLF def
/FF_LM_g1FLVLF FF_LM_g0FLVLF proc06_FF_LM_FLVLF def
/FF_LM_b1FLVLF FF_LM_b0FLVLF proc06_FF_LM_FLVLF def
FF_LM_r1FLVLF FF_LM_g1FLVLF FF_LM_b1FLVLF
FF_LM_setrgbcolorFLVLF0} def %END FF_LM_setrgbcolorFLVLF

/FF_LM_transferFLVLF {%BEG FF_LM_transferFLVLF settransferG -> FF_LM_settransferG0
{proc06_FF_LM_FLVLF}
FF_LM_transferFLVLF0} def %END FF_LM_transferFLVLF
/settransfer {FF_LM_transferFLVLF} def

/FF_LM_colortransferFLVLF {%BEG FF_LM_colortransferFLVLF setcolortransferG->FF_LM_setcolortransferG0
{proc06_FF_LM_FLVLF} {proc06_FF_LM_FLVLF}
{proc06_FF_LM_FLVLF}
FF_LM_colortransferFLVLF0} def
/setcolortransfer {FF_LM_colortransferFLVLF} def
} def %END proc00_LMR_FLVLF %END proc00_FF_LM_FLVLF
%*****
0 1 20 {/indexLi exch def %loop for 21 Local gamma values
/iproclMR 1 def %optional application example
iproclMR 1 eq {main Frame_File_Linearisation_Method (FF_LM)} %Beispiel: kombinierte Prozedur
proc00_LMR_FLVLF proc05_gammat_xyreh} if
%*****

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