

```
/View_FLVGF {%REG procedure View_FLVGF for application of visual data
%with the method Fast Linear Visual Local File (FLVGF)

/indexGi 09 array def %for the one real data of visual evaluation
/indexGx 54 array def %for 6 different example data of visual evaluation
/ViewGx [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 0.044 0.125 0.229 0.353 0.494 0.649 0.818 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
ViewGi j ViewGx indexGi 16 sub 9 mul j add get put
} for %j=0,8 Auswahl der visuellen Bewertung  
Beispiele: 16 <= indexGi <= 21
```

```
/xreh8 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 0.125 mul put
yred8 j ViewG1 j get put
xind8 j 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 Berechnung der Tabelle xreh_0009
```

```
xred8 9 001 put yred8 9 001 put xind8 9 001 put yind8 9 001 put
xreh8 9 255 put yreh8 9 255 put xinh8 9 255 put yinh8 9 255 put
```

```
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 %j=0,1023
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 Berechnung der Tabelle xreh_1024
```

```
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 0001 put yredj 1024 0001 put xindj 1024 0001 put yindj 1024 0001 put
xrehj 1024 1023 put yrehj 1024 1023 put xinhj 1024 1023 put yinhj 1024 1023 put
} def %END procedure View_FLVGF for application of visual data
```

```
/FF_LM_xchartg_gammaG {%REG procedure FF_LM_xchartg_gammaG Anwendung der Tabelle xreh_1024
%yed exch def für die Linearisierungsmethode
%yeh yed 1023 mul cvi def der inversen linearisierten Ausgabe.
%xinh yrehj yeh get def
%xinh 1023 div
} def %END procedure FF_LM_xchartg_gammaG
```

```
%indexGi=20 may be changed here only once in the Global File (GF)
/indexGi 20 def %default for gamma=1
```

```
%The procedure View_FLVGF is used only once in the Global File
%The procedure LMR-000GF, see geu91-7n, is used only once in the Global File
%The procedure FF_LM_xchartg_gammaG is used for any rgb data set in Global File
```

```
/iproclMR 1 def
%teat if LMR-000GF is available, then use this procedure
%/LMR-000GF where {pop View_FLVGF LMR-000GF}{View_FLVGF LMR-000LF} ifelse
iproclMR 1 eq {View_FLVGF LMR-000GF} if
```

```
*****
```