

# Calculation of inverse function for linearization of real output

gamma=2.0, indexFi=16,

xvredj: 0,000 0,125 0,250 0,375 0,500 0,625 0,750 0,875 1,000  
 yvredj: 0,000 0,015 0,062 0,140 0,250 0,390 0,562 0,765 1,000  
 yvred=0,000, im=0, yvredj\_im=0,000, yvredj\_im1=0,015  
 im=0, j=0, yvredt=0,006, xvindt=0,000, xvindj=0,006, yvindj=0,000,  
 yvred=0,015, im=1, yvredj\_im=0,015, yvredj\_im1=0,062  
 im=1, j=1, yvredt=0,000, xvindt=0,125, xvindj=0,015, yvindj=0,125,  
 yvred=0,062, im=2, yvredj\_im=0,062, yvredj\_im1=0,140  
 im=2, j=2, yvredt=0,000, xvindt=0,250, xvindj=0,062, yvindj=0,250,  
 yvred=0,140, im=3, yvredj\_im=0,140, yvredj\_im1=0,250  
 im=3, j=3, yvredt=0,000, xvindt=0,375, xvindj=0,140, yvindj=0,375,  
 yvred=0,250, im=4, yvredj\_im=0,250, yvredj\_im1=0,390  
 im=4, j=4, yvredt=0,000, xvindt=0,500, xvindj=0,250, yvindj=0,500,  
 yvred=0,390, im=5, yvredj\_im=0,390, yvredj\_im1=0,562  
 im=5, j=5, yvredt=0,000, xvindt=0,625, xvindj=0,390, yvindj=0,625,  
 yvred=0,562, im=6, yvredj\_im=0,562, yvredj\_im1=0,765  
 im=6, j=6, yvredt=0,000, xvindt=0,750, xvindj=0,562, yvindj=0,750,  
 yvred=0,765, im=7, yvredj\_im=0,765, yvredj\_im1=1,000  
 im=7, j=7, yvredt=0,000, xvindt=0,875, xvindj=0,765, yvindj=0,875,  
 yvred=0,999, im=7, yvredj\_im=0,765, yvredj\_im1=1,000  
 im=7, j=8, yvredt=0,999, xvindt=0,999, xvindj=0,999, yvindj=0,999,

## Colour management for output linearization of a 9 step grey scale

