

9 step series, sample and surround mean Grey is U41, all samples are lighter based on  $p_{108}=0,62$ .



9 step series based on all visual adjustments used for output linearization



0,00  $c_1=0,12$   $c_2=0,25$   $c_3=0,37$   $c_4=0,50$   $c_5=0,62$   $c_6=0,75$   $c_7=0,87$  1,00

produced (p) visual experimental data adjusted above

$a_1=i_{08}$ ,  $b_1=i_{04} * a_1$ ,  $b_3=i_{48}(1-b_2)+b_2$ ,  $c_2=b_1$ ,  $c_4=b_2$ ,  $c_6=b_3$

$c_1=i_{02} * b_1$ ,  $c_3=i_{24}(b_2-b_2)+b_1$ ,  $c_5=i_{46}(b_3-b_2)+b_2$ ,  $c_7=i_{68}(1-b_3)+b_3$

save 7 data above as text

save 9 data below as text

+0,04 ◊ +0,04 ◊ +0,04 ◊ +0,04 ◊ +0,04 ◊ +0,04 ◊ +0,04 ◊ +0,04 ◊ -0,04 ◊



0,00  $c_1=0,12$   $c_2=0,25$   $c_3=0,37$   $c_4=0,50$   $c_5=0,62$   $c_6=0,75$   $c_7=0,87$  1,00

grey example

difference visible?



0,25 +0,06 ◊ adjust threshold

0,25 +0,00 ◊ no change

adjust and proof threshold of the linearized output

restart with image 1

ieb71-4a, image 4, produce (p) visual threshold (+0,04?) of 9 steps; all equal?,  $\gamma_{rel}=0,67$