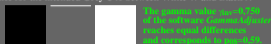
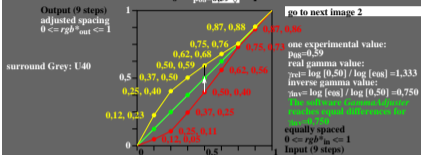


9 step series, sample and surround mean grey U40 is too dark, adjust U40 to U41 with  $p_{05}>0.50$ .

adjust visual equal difference for the intended Grey U41 between White W and Black N



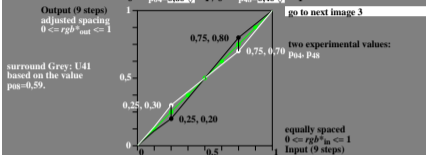
The gamma value  $\gamma_{rel}=1.333$  of the white step (Gamma value) makes equal differences and corresponds to  $p_{05}=0.59$ .



ieb90-5a, image 1, produce (p) equal visual difference between Black N - White W,  $\gamma_{rel}=0.75$

9 step series, sample and surround mean Grey is U41, all samples are lighter based on  $p_{05}=0.59$ .

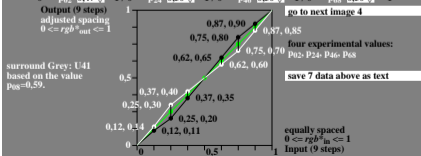
adjust visual equal difference for two of 5 steps



ieb90-6a, image 2, produce (p) equal visual difference between two of five steps,  $\gamma_{rel}=0.75$

9 step series, sample and surround mean Grey is U41, all samples are lighter based on  $p_{05}=0.59$ .

adjust visual equal difference for four of 9 steps

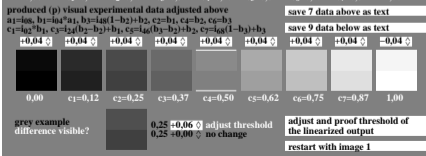


ieb90-7a, image 3, produce (p) equal visual difference between four of nine steps,  $\gamma_{rel}=0.75$

ieb90-7n

9 step series, sample and surround mean Grey is U41, all samples are lighter based on  $p_{05}=0.59$ .

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



ieb90-8a, image 4, produce (p) visual threshold ( $+0.04?$ ) of 9 steps; all equal?,  $\gamma_{rel}=0.75$