$\log(\Delta Y/\Delta Y_u)$

$\Delta Y/\Delta Y_u$

relative LABJND–tristimulus value difference

$L*_{LABJND} = (A_0/A_2) \, ln \, (A_1 + A_2 \cdot Y)$

$A_0 = 1.50$ $A_1 = 0.0170$ $A_2 = 0.0058$

relative tristimulus value difference

$\log(dY/dY_u) = \log \, (A_1 + A_2 \cdot Y)$
$- \log (A_1 + A_2 \cdot Y_u)$

$Y_u = 18, \, dY_u = 0.08, \, dY_u/Y_u = 0.004$

$\log[(dY)/(dY_u)] = 0, \, m_u = 0.86$

application range

$2 - 100$

$1 - 10$

$0 - 1$

-1

0,1

1

$Y_N = 4$ 10 $Y_u = 18$ 100 Y

-2 -1 0   1   2 $\log(Y)$

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