

$t^*$ LABJND<sub>u7</sub> triangle lightness  $t^*$  $Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$  $t^*$ 

4 10000

$$t^*_{LABJNDu7} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t^*_{LABJNDu7} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$t^*_N(3,6)=174, t^*_u(18)=396, t^*_W(90)=616$$

3 1000

$$\log[t^*/t^*_u]=0, m_u=0,33$$

$$L^*_u=49, t^*_u=396$$

2 100

 application range

1

0,1

1

10

100

 $x_u=1$ 

y

-2

-1

0

 $x_N=0,2$ 

1

 $x_W=5$ 

2

log(Y)