

A B C D E F G H I J K L M
 N O P Q R S T U V W X Y Z
 a b c d e f g h i j k l m
 n o p q r s t u v w x y z
 O I 2 3 4 5 6 7 8 9 & @ \$

NOR A a B b C c D d E e F f G g H h I i
 J j K k L l M m N n O o P p Q q R r
IT *A a B b C c D d E e F f G g H h I i
 J j K k L l M m N n O o P p Q q R r*
BD **A a B b C c D d E e F f G g H h I i
 J j K k L l M m N n O o P p Q q R r**
BD IT ***A a B b C c D d E e F f G g H h I i
 J j K k L l M m N n O o P p Q q R r***
SC **A A B B C C D D E E F F G G H H I I
 J J K K L L M M N N O O P P Q Q R R**

Constant luminance is only achieved when the luminance and chrominance vectors are derived from linear signals. The introduction of non-linear transform characteristics (usually to achieve a better signal-to-noise ratio and to control dynamic range prior to bandwidth reduction) before creating the luminance and chrominance signals in their linear form before

further processing and, therefore, depart from constant luminance. When information is required to be recovered from the set of luminance and color-difference signals, the values correlated to the original signals are obtained only if the luminance and chrominance signals have been derived from linear functions or have been transformed back to linear. Constant

luminance not only provides a minimum of subjective noise in the display (since the luminance channel does not respond to chrominance noise), but also preserves this noise minimum through chrominance transformations. Constant luminance is only achieved when the luminance and chrominance vectors are derived from linear signals. The introduction of non-

lear transform characteristics (usually to achieve a better signal-to-noise ratio and to control dynamic range prior to bandwidth reduction) before creating the luminance the chrominance signals in their linear form before further processing and, therefore, depart from constant luminance.

WHEN INFORMATION IS REQUIRED TO BE RECOVERED FROM THE SET OF LUMINANCE AND COLOR-DIFFERENCE SIGNALS, THE VALUES CORRELATED TO THE ORIGINAL SIGNALS ARE OBTAINED ONLY IF THE LUMINANCE AND CHROMINANCE SIGNALS HAVE BEEN DERIVED FROM LINEAR FUNCTIONS OR HAVE BEEN

MovTekSw