

ls consists of a vacoum tube containing an election gun of a foliato consistere semiconductor four called taget. le leur focusses the light from an object on 4 Talscaption of energy caused by light Briting the layer, electrone acquire sufficient energy to take past in current flow. is a charge pattern appeare on the inner surface of the target that is most the where the beigniness or luminosity of the scene 's the greatest. Is mouing beam of elections orsginde in The cleekon gun & scans the charge pattern. In the cause may a varter is freduced in a monitor. Les Color video Camera Diachioic I eignal Red Ligert K 4 signal volite light Hyrr B Aubel Beignal

consider of 3 camera trubes recenting 25 consider filtered colors. Selectionely filtered colors a signal wellage freportunal is each tube develops a signal wellage freportunal interiord. to the respective color intensity. Is elypt is processed by ornjective lens system. Is image formed is split into 3 images by glas presms. « Transmission of Wideo Eignals Is RGB component of color unage earl be kansmitted earsity in the original format. Ly new 4C fourat based on luminairee cheoninairee principle. ls Human riseral 8y87 b more sensitive to green Kom sed & least sensitive to la video signale are expressed in terms of Luminance - chaminance jne tead of RGB. describes natiation of coler info in diff. parts
I image tout regard to any beigntness information.

Denoted by C. describes naciation of perceived beignhiss by HVS in diff. portions of image cout regard to any color, Denoted 7: grancale magies. Mue (H) - Saturation (S)

