

ABSTRACT OF THE DISCLOSURE:

A chromaticity meter measures chromaticity of light output for each of picture elements selected. Calculated from the measurement is corrective data on each of RGB colors, which in turn used to calculate corrective data on each of RGB at unselected picture elements. In this method, original video signals for each of RGB colors will be correctively modulated based on the thus obtained corrective data. A projected image displaying apparatus is constructed such that adjustment of chromaticity as to white as well as to black from the measurement by the chromaticity meter of chromaticity throughout the entire image, is carried out uniformly and reliably by automatic control using a micro-computer so as to determine optimal condition for correctively modulating the original video signal. This apparatus further includes means for storing the thus obtained optimal condition in a non-volatile memory.

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