ABSTRACT OF THE DISCLOSURE

METHOD AND DEVICE FOR REFLECTANCE WITH A PREDETERMINED SPECTRAL RESPONSE

In various embodiments of the invention, a display device comprises an illumination apparatus configured to emit light of a different color at different times and at least one interferometric light modulating device illuminated by the illumination apparatus. In certain preferred embodiments, interferometric light modulating devices are illuminated for short durations with different color light, the durations of the time being sufficiently short to produce color fusion or blending of colors as perceived by the human eye. The interferometric light modulating device may comprise a white interferometric light modulating device that reflects white light in one state. The interferometric light modulating device may also have a reflectivity spectrum that includes a least two color peaks.